



**INNOVATION  
AWARD 2024  
NOMINATED**



# CONTENTS

<b>About JIECANG</b>	<b>001</b>
<b>Smart Solutions</b>	<b>012</b>
iControl	024
<b>Theoretical Load-bearing Table</b>	<b>036</b>
Ultra-thin Motor Head	038
Pergola Flex Solution	040
Intelligent Hembar Alignment	042
<b>Index of Motors</b>	<b>046</b>
<b>Motors</b>	<b>050</b>
DC Tubular Motors	051
AC Tubular Motors	082
Venetian Blind Motors	094
Draperly Motors	103
<b>Accessories</b>	<b>108</b>



# JIECANG

## A Reliable Partner

### VISION

To drive people's life quality with JIECANG products; To become an industry-leading company with social recognition

### MISSION

To improve the life quality and the working environment for the public, To bring all employees and partners a more enjoyable life

### VALUES

Respecting professionalism, Seeking innovation, Pursuing excellence, Promoting corporation

### WORK ETHICS

Diligence, Efficiency, Teamwork, Outcome

### PRODUCT ETHICS

Diligent research & design, Strictly selected materials, Superior manufacturing, Precise & rigorous testing

Zhejiang JIECANG Linear Motion Technology Co. Ltd, was founded in 2000 and was listed in September, 2018 on the Shanghai stock exchange (603583. SH). JIECANG is a technology group focusing on the research, development, production and sales of linear motion products, medical actuator and sunlight management motors. JIECANG provides full customized solution in smart home applications.



### BEST WORKMANSHIP

JIECANG creates high-quality products by paying very close attention to details. We place a strong emphasis on research and design, the best raw materials, precision manufacture, and exhaustive testing. A six-year warranty is offered.



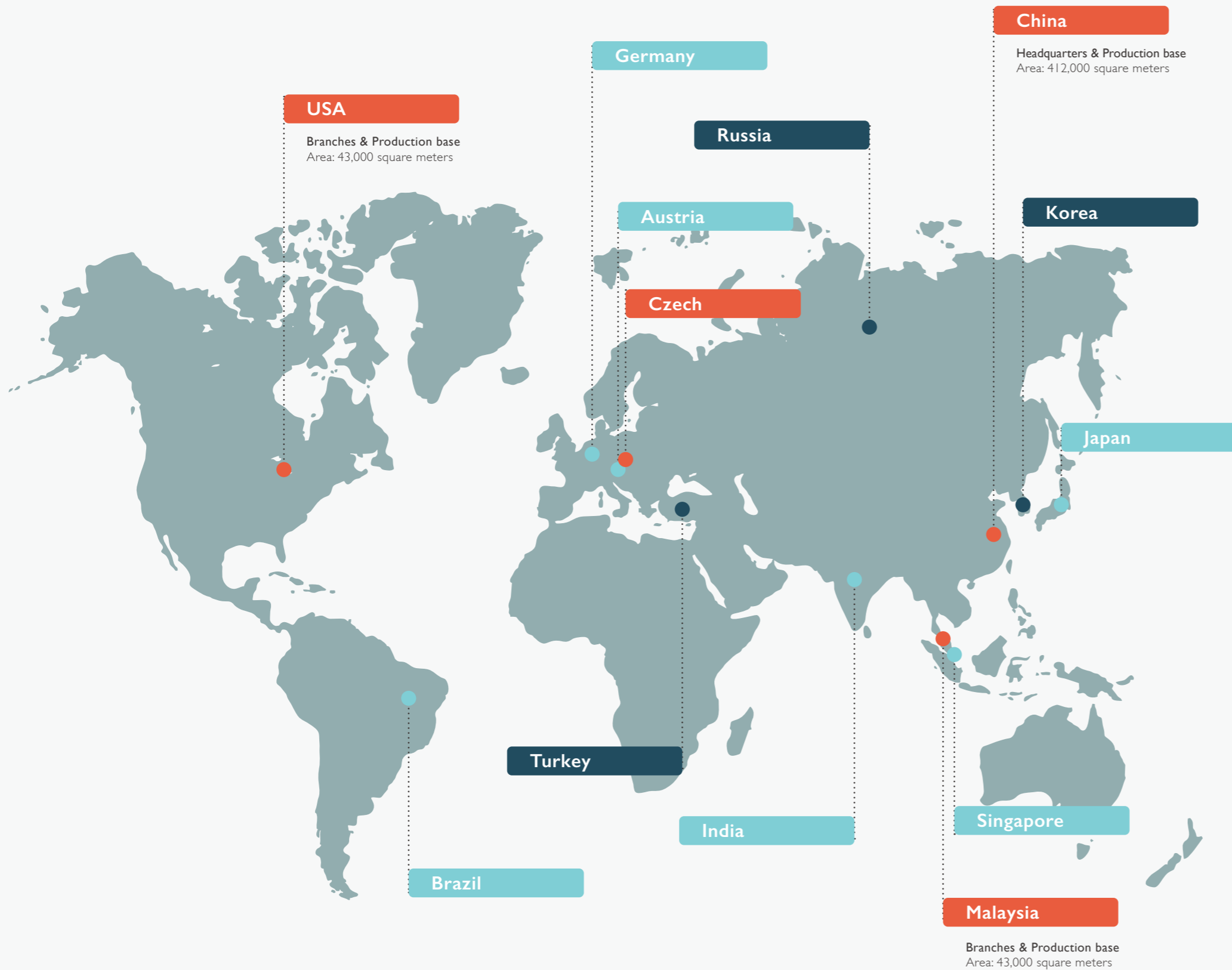
### ORIGINAL RESEARCH

With more than 200 engineers, JIECANG operates three R&D centers in Xinchang, Hangzhou, and Taiwan. With the help of renowned universities and European and American experts, more than 700 ideas have been granted patents.



### AMOUNT OF PRODUCTION

JIECANG is capable of prompt delivery to domestic and international customers with a million yearly production scale thanks to completely automatic manufacturing lines.



# JIECANG in Global

**Branches:** China, USA, Malaysia, Germany, India, Japan, Brazil, Singapore, Austria

**Production bases:** China, USA, Malaysia, Czech

**Strategic Agents:** Korea, Turkey, Russia

JIECANG currently operates production facilities and subsidiaries across Asia Pacific, Europe, and the Americas, with a combined floor space of 450,000 square meters and a workforce of over 3,000, including over 300 R&D engineers. JIECANG develops individualized, market-leading, and distinctive products for its clients in a timely manner.

JIECANG has constructed industry-leading automated production lines that can provide customer orders with high standards and efficiency. These lines include automatic cutting lines, laser welding robots, integrated spraying lines, etc. Google, Microsoft, Apple, Amazon, and other Fortune 500 organizations have benefited from JIECANG's strategic partnerships with renowned furniture and medical firms. Customers in more than 100 nations and regions rely on our goods and services.



# Manufacture

Vertically integrated manufacturing capability of motors, gearboxes, precision molds, precision injection molding, steel pipe spraying, SMT, assembly and testing, etc.



Tube Forming



Automatic Laser Cutting/Welding Workshop



Automatic Spraying Production Line



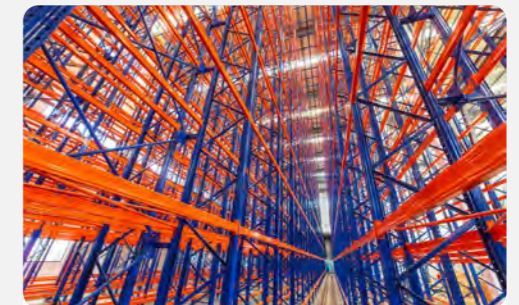
Automatic Packaging Line / Palletizing Robot



Automatic Motor Production Workshop



SMT Production Workshop



Intelligent Warehouse



Precision Injection Molding Workshop



Assemble

Stocking



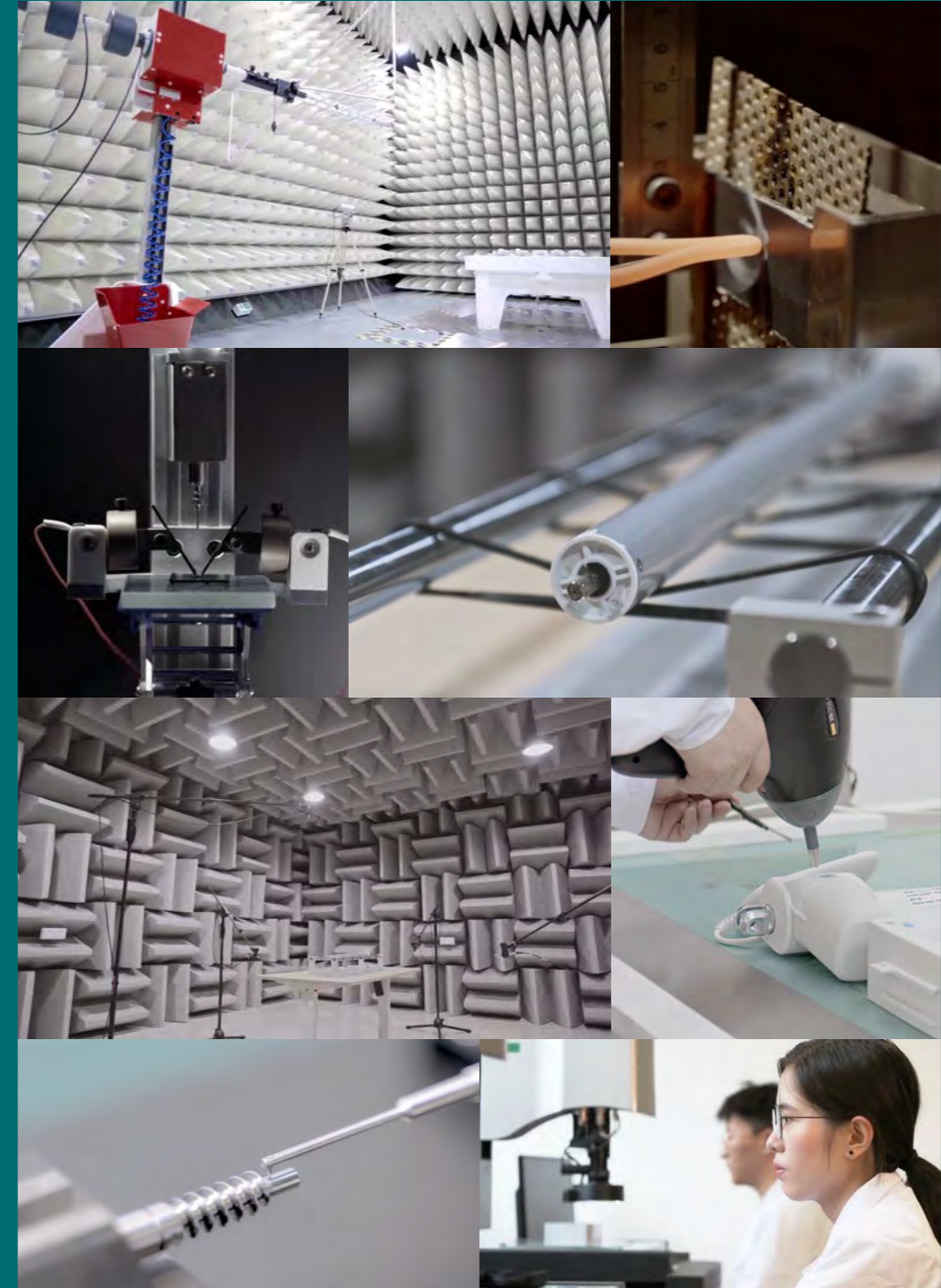
# JIECANG Testing Lab

Since its founding in 2000, JIECANG has continuously worked to establish itself as an industry leader that the public respects. To this end, the company has invested heavily in personnel and specialized testing tools for product quality testing in order to raise the bar on the overall caliber of its output.

There are currently more than 30 testing engineers working at the center, which has a total building space of around 3,000 square meters.

The Testing Center received the CNAS laboratory qualification in early 2022 after passing a National Accreditation Board audit in the meantime.

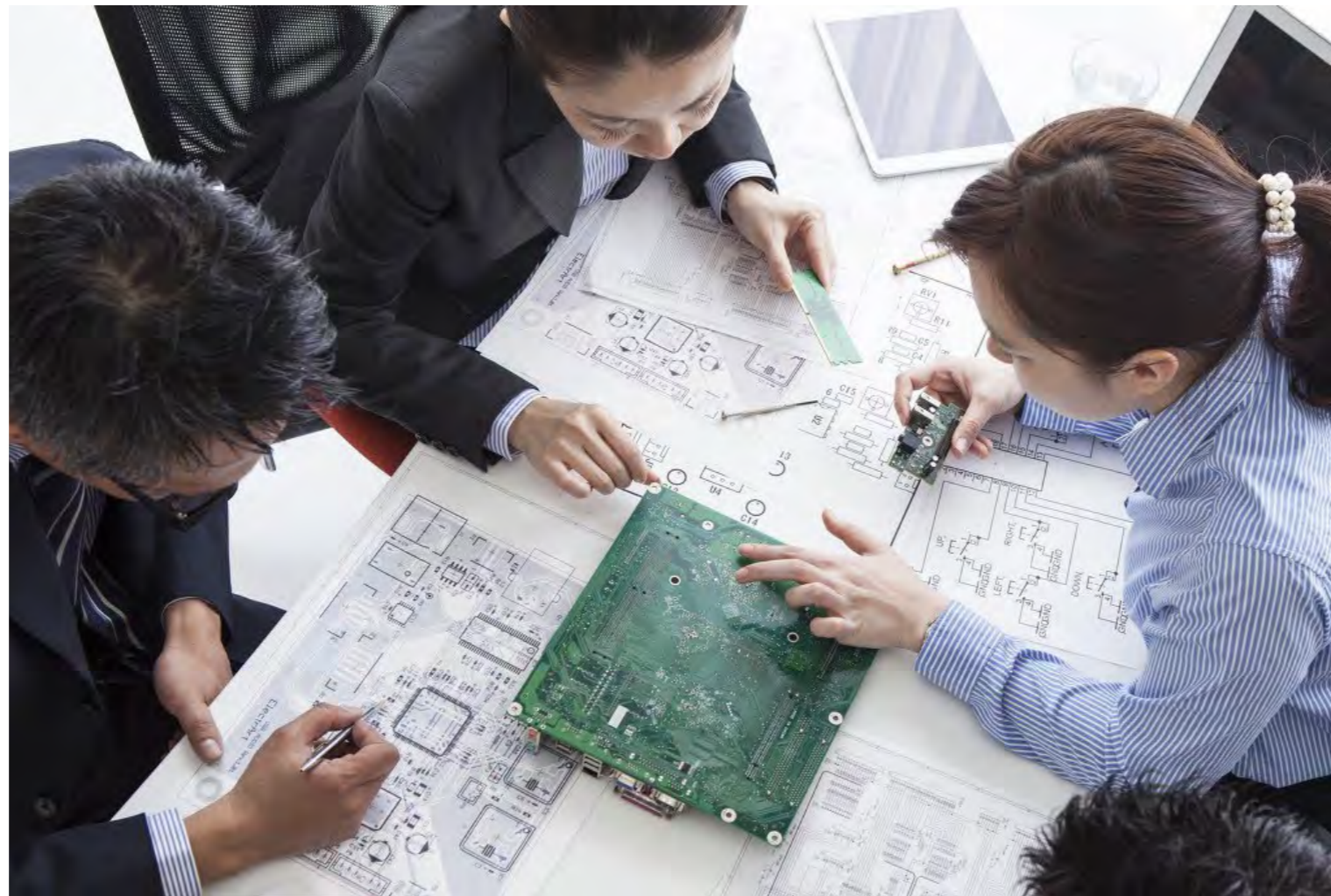
The ability to conduct certification tests in a lab in the future will significantly shorten certification cycles, save cost, and reduce sample running times. JIECANG has been consistently enhancing product innovation, quality control capabilities, and market recognition by adhering to the quality philosophy of "fine design, selected materials, fine manufacturing, and precise testing."





# R&D

China / US / Austria



**200+**

Electrics Engineers

**300+**

Mechanical Engineers

**100%**

Critical Components  
produce in-house

With R&D sites in Xinchang, Hangzhou, Taiwan, and Austria, as well as an R&D staff managed by a group of PhDs, JIECANG boasts industry-leading R&D capabilities. The center actively collaborates and combines resources with the R&D centers of subsidiary firms in Germany and the United States in order to satisfy the demands of the company's global development and maintain pace with the company's development. Exclusive customization services are offered by 200+ on-staff electrical engineers and 300+ mechanical engineers, who ensure that 100% of the core components are produced in-house while assisting customers in developing differentiated products ahead of the market. Experts in mechanical structure, electronic hardware and software, industrial design, and other fields are on the R&D team.

# Certification

Our products have passed UL, SAA, CE, ROHS, PSE, KC and other international authoritative certifications.

Safety and reliability are fundamental values for JIECANG. We test our products rigorously and precisely, following procedures at the forefront of technology and using the most advanced instruments available to guarantee maximum technological and quality standards.



# Warranty



### Warranty Coverage

- JIECANG provide warranties for those Products against any defect in material or manufacturing acknowledged by JIECANG, throughout the contractual warranty period.
- JIECANG will replace the above-mentioned defective products with new similar ones or repaired ones.

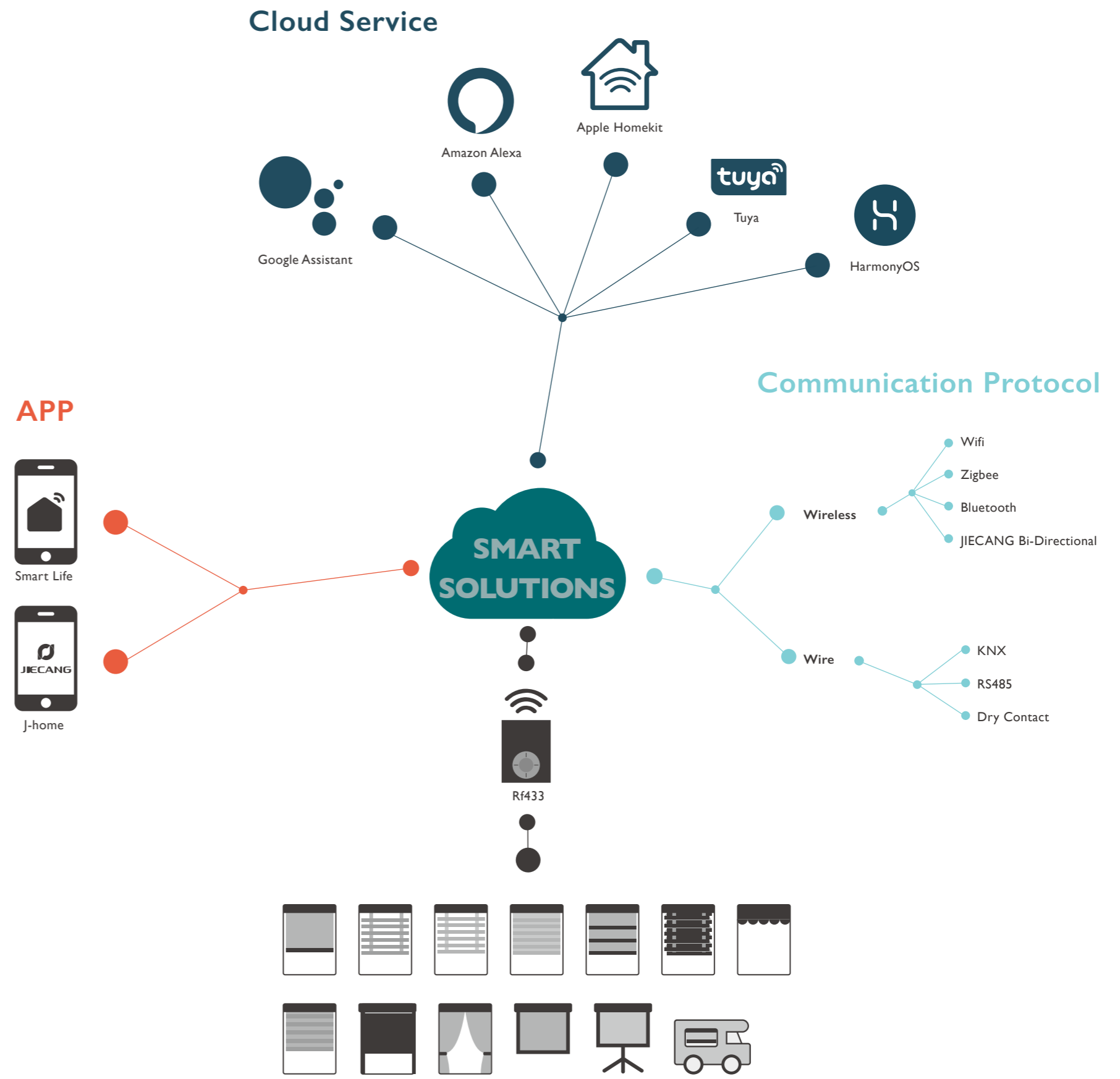
### Warranty period

- Motors for roller shades, blinds or curtains, rolling doors, indoor and outdoor sunshades and awnings shall be warranted for 5 years from the date of manufacture.
- Lithium battery pack and its components, control system parts, which includes remote controllers, control panels shall be warranted for 2 years from the date of manufacture.



# Smart Solutions

JIECANG smart motors can be directly docked with intelligent devices such as smart speakers or bluetooth gateways etc to achieve linked control and remote control with access to the cloud



TECHNOLOGY DRIVES INTELLIGENT LIFE



**Interoperability:** Matter protocol is designed for interoperability by eliminating barriers between different messaging services and thus allowing seamless communications across applications.

**Security:** Matter protocol achieves security through encryption, device certificates, and blockchain technology.

**Simplicity:** Matter protocol emphasizes simplicity, making it easier for developers to integrate and use.

**Openness:** Matter protocol is open-source and available to any developer for use in the development of instant messaging applications or services.

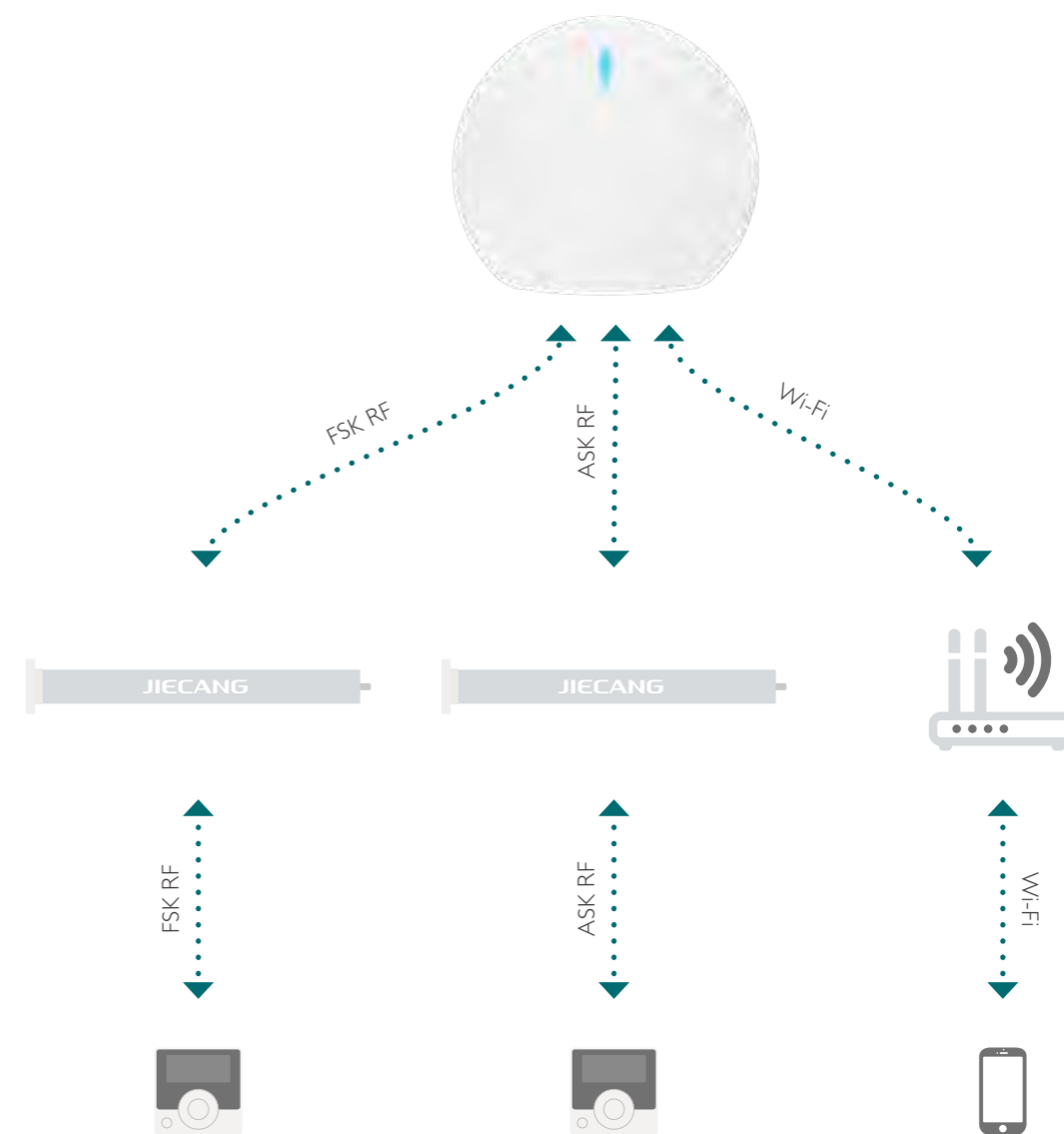


All JIECANG DC motors are compatible with the Matter.



# Dual Connect™

With tubular motors and JIECANG Dual Connect control systems to automate indoor blinds, you can now receive **feedback on reception** and check the **status of the automations**.



The JIECANG Dual-Connect protocol with mesh technology has numerous advantages:

- Extension of the radio range to 200m;
- Confirmation by the automation of correct command reception;
- The possibility of checking automation status at any moment;
- High security, thanks to the encrypted communication;
- Low energy consumption in standby.

# JIECANG Wi-Fi Bridge

for bidirectional and unidirectional motors



## TECHNICAL SPECIFICATIONS

Code	JCP-Y4Y6-H-0
Input	5V/2A
Radio frequency	433.92MHz
Communication method	Input: RS485, 2.4G Wi-Fi, Ethernet   Output: RF433.92MHz
Wireless standard	ASK for unidirectional motor; 2GFSK for bidirectional motor
Working temperature	0°C~45°C
IP degree	IP20(indoor use only)

## FEATURES

Wi-Fi Bridge operates tubular motors via Smart Life or J-Home App

Jiecang tubular motors can communicate by Wi-Fi or Gateway enabling our motors to function with both App options. The comfort of scheduling shades to operate at your planned time provides the best light control and a sense of security.

# JIECANG Mini Bridge

for unidirectional motors



## TECHNICAL SPECIFICATIONS

Code	JCP-Y4Y6-AUG-0
Input	5V/2A
Radio frequency	433.92MHz
Communication method	Wi-Fi, Wi-Fi+RF433
Wireless standard	ASK
Working temperature	0°C~45°C
IP degree	IP20(indoor use only)

## FEATURES

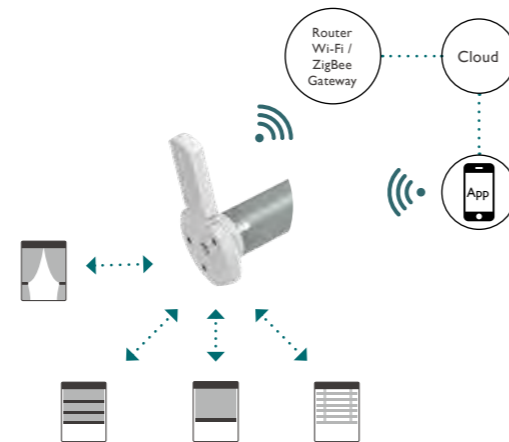
Mini Bridge operates tubular motors via Smart Life or J-Home App

Jiecang tubular motors can communicate by Wi-Fi or Gateway enabling our motors to function with both App options. The comfort of scheduling shades to operate at your planned time provides the best light control and a sense of security.



# Wireless Connecting Module

Wi-Fi / Bluetooth / Zigbee



## TECHNICAL SPECIFICATIONS

Built-in low power consumption	KM4 MCU
Working Voltage	3V~3.6V
Supporting agreement	WiFi: 802.11b/g/n20 BLE: 5.0 Version ZigBee: 1.2 version
Certifications	CE/FCC

## FEATURES

This module equips those common RF motors with the capacity to connect to the local network, enabling them to work with nearby smart speakers and other devices. Different modules can converse with various smart home platforms, including Xiaomi, Tmall, Alexa, etc.

Wi-Fi, Bluetooth, and Zigbee protocols are supported by modules.

# Compatible Gateway



## Matter Gateway



Code	JCD-THPI0-Z-X
Size	90*90*23mm
Weight	75g
Power supply	MicroUSB DC5V
Output	5V 1A
Temperature	-10°C~45°C
Humidity	10% ~ 90%RH
Wireless Technology	Zigbee / Thread

## Zigbee Gateway



Code	JCD-TYGWZW-01N
Size	60.5*60.5*16.1mm
Weight	50g
Power supply	MicroUSB DC5V
Output	5V 1A
Temperature	-10°C~55°C
Humidity	10% ~ 90%RH
Wireless Technology	Wi-Fi 802.11b/g/n Zigbee802.15.4

## Bluetooth Gateway



Code	JCD-TYGWBS-01N
Size	60.5*60.5*16.1mm
Weight	50g
Power supply	MicroUSB DC5V
Output	5V 0.5A
Temperature	-10°C~55°C
Humidity	10% ~ 90%RH
Wireless Technology	Wi-Fi 802.11b/g/n 2.4G BLE802.15.1

# Compatible Gateway



## Multi-mode Gateway

Wi-Fi / Zigbee / BLE



Code	JCD-TYGWZW-01N
Size	60.5*60.5*16.1mm
Weight	33g
Power supply	MicroUSB DC5V
Output	5V 1A
Temperature	-10°C~55°C
Humidity	10% ~ 90%RH
Wireless Technology	Wi-Fi Zigbee BLE

## Zigbee Repeater



Code	JCD-RP280
Size	28*18*7mm
Weight	2.8g
Output	5V 1A
Temperature	-10°C~55°C
Humidity	≤95%RH
Wireless Technology	Zigbee

## Wired Zigbee Gateway



Code	JCD-THP10-Z
Size	90*90*23mm
Weight	74.5g
Output	5V 1A
Temperature	-10°C~55°C
Humidity	10% ~ 90%RH
Wireless Technology	Zigbee

# Sensor

## Wind-Sun Sensor



Main function	Wind/Light sense
Power resource	Solar power/230V AC
Control	Wireless
Sensitivity	Wind speed degree and light intensity sensitivity is adjustable
Radio frequency	433.92MHz
Control Range	100 meter outdoor
Size	270*110*130



## Light Sensor



Power resource	CR2450*1 battery
Fix way	Sucking disc
Function	Control blind run to the position of sensor
Light intensity	Adjustable and self-learning
Size	40*40*15mm



## Vibration Sensor



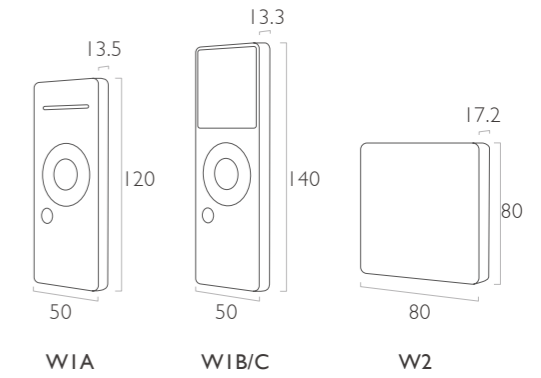
IP degree	IP44
Power resource	AAA battery*2
Sensitivity	6 degree adjustable
Work Temp.	-20~+60 degree
Radio frequency	433.92Mhz
Size	132*39*20mm







# iControl Pro



## TECHNICAL SPECIFICATIONS

	Model A		Model B		Model C	
	W1A	W2A	W1B	W2B	W1C	W2C
Type	W1A	W2A	W1B	W2B	W1C	W2C
Battery Type	CR2450*3V*1	CR2430*3V*2	CR2450*3V*1	CR2430*3V*2	CR2450*3V*1	CR2430*3V*2
Radio Frequency	433.92MHz±100KHz					
Working Temperature	-10°C~50°C					
Transmit Distance	Indoor: 30m   Outdoor: 200m					
No. of channels	1 or 6		6		16	
LCD	—		√		√	
Timer	—		√		—	



With percentage

With tilt



W1A W1B W1C



W1A W1B W1C

Model A

Model B

Model C



W1A W2A



W1B W2B

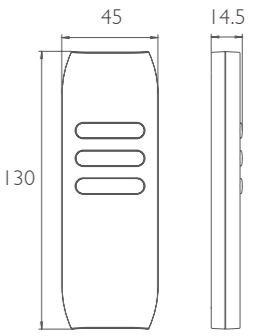


W1C W2C





# iControl W3



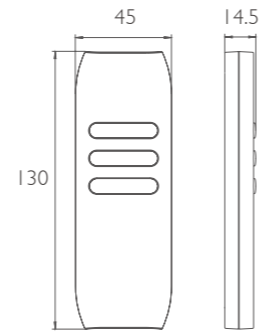
## TECHNICAL SPECIFICATIONS

	Roller Shade						Venetian Blind		
Type	W3A5	W3A6	W3A7	W3A8	W3C3	W3C4	W3A9	W3A10	W3C5
Battery Type	AAA battery *2								
Radio Frequency	433.92MHz±100KHz								
Working Temperature	-10°C~60°C			-10°C~50°C			-10°C~60°C		-10°C~50°C
Transmit Distance	Indoor: 30m   Outdoor: 200m								
No. of channels	1	6	1	6	16	16	1	6	16
LCD	—	—	—	—	√	√	—	—	√
Dual Control	—	—	√	√	—	√	—	—	√



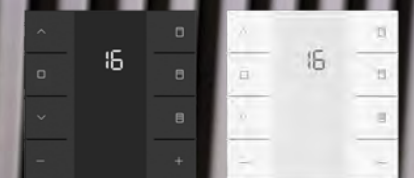


# iControl **W3**

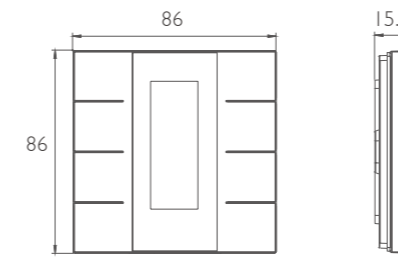


## TECHNICAL SPECIFICATIONS

	Curtain						IHA	TDBU
Type	W3A1	W3A2	W3A3	W3A4	W3C1	W3C2	W3C6	W3C7
Battery Type	AAA battery *2							
Radio Frequency	433.92MHz±100KHz						433/447	
Working Temperature	-10°C~60°C			-10°C~50°C			-10°C~60°C	
Transmit Distance	Indoor: 30m   Outdoor: 200m							
No. of channels	1	6	1	6	16	16	16	16
LCD	—	—	—	—	√	√	√	√
Dual Control	—	—	√	√	—	√	—	—



# iControl **Cruella**



Cruella comes in black or white

## TECHNICAL SPECIFICATIONS

	Roller Shade					Venetian Blind		
Type	W5A5	W5A6	W5A7	W5C2	W5C3	W5A8	W5A9	W5C4
Battery Type	CR2430*2							
Radio Frequency	433.92MHz±100KHz							
Working Temperature	-10°C~60°C		-10°C~50°C		-10°C~60°C		-10°C~50°C	
Transmit Distance	Indoor: 30m   Outdoor: 200m							
No. of channels	1	1	6	16	16	1	6	16
Dual Control	—	√	—	—	—	—	√	—

### Roller Shade



### Venetian Blind



## TECHNICAL SPECIFICATIONS

	Curtain				
Type	W5A1	W5A2	W5A3	W5A4	W5C1
Battery Type	CR2430*2				
Radio Frequency	433.92MHz±100KHz				
Working Temperature	-10°C~60°C				-10°C~50°C
Transmit Distance	Indoor: 30m   Outdoor: 200m				
No. of channels	1	1	6	6	16
Dual Control	—	√	√	√	√

### Curtain





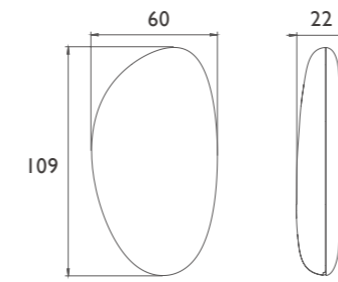
**NEW**  
**iControl**

**Touch**

iControl Touch is a revolutionary remote control that uses in-mold transfer technology making it look like a perfect integrated structure.

The unique built-in vibration motor makes every touch have a clear and comfortable operation, allowing you to operate your shades with confidence.

Our iControl series has several options that would control drapery, roller shades and more



**TECHNICAL SPECIFICATIONS**

	Curtain / Roller Shade		Curtain		Venetian Blind	
Type	W6A1	W6A2	W6A3	W6A4	W6A5	
Battery Type	AAA*2					
Radio Frequency	433.92MHz±100KHz					
Working Temperature	-10°C~60°C					
Transmit Distance	Indoor: 30m   Outdoor: 200m					
No. of channels	16	1	1	16	1	
Dual Control	—	—	√	—	—	





**NEW**  
**iControl** **Conch**

Type	W7A	W7B
Battery Type	AAA*2	
Radio Frequency	433.92MHz±100KHz	
Working Temperature	-10°C~60°C	
Transmit Distance	Indoor:30m   Outdoor:200m	
No. of channels	6	12

The Conch Remote Series is a modern design that offers precise shade adjustment. With Zebra shades in mind, the easy-to-operate wheel gives you complete light control.

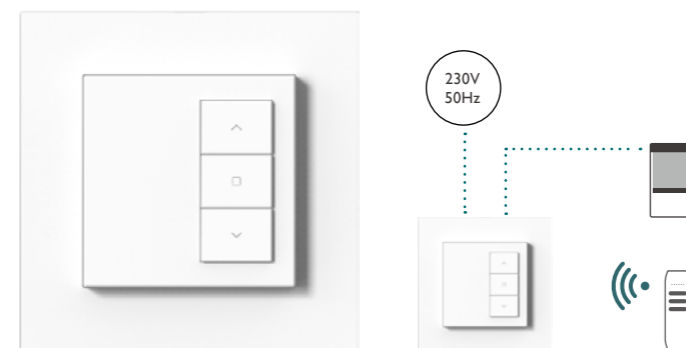
The Conch remote offers 6 channels allowing you to operate 6 shades or 6 groupings. Customers can take advantage of the feature that will save your preferred position of the shades for easier light control.

With Child Safety in mind, the Conch Remote uses AAA Batteries.



# Receiver

## Wall Receiver-Single

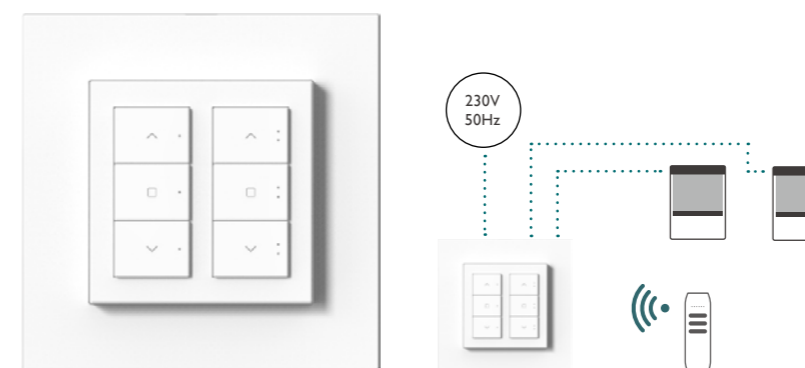


### W8A

### FEATURES

- Jog mode (Tilt for venetian)
- Working temperature -10°C -+50°C
- Work with all JIECANG Emitters
- Radio frequency: 433.92MHz
- Pair and store up to 20 emitters
- Compatible with European wall-box
- Dimension: 80mmx80mm

## Wall Receiver-Dual



### W8B

### FEATURES

- With light-touch switch function
- Jog mode, tilt for venetian blinds
- Can match all JIECANG wireless emitters
- Can store 20 channels
- Can be installed inside European wall-box
- Working temperature: -10°C ~ +50°C
- Dimension: 80mmx80mm

## Internal Receiver



### W8C

### FEATURES

- Work with all JIECANG Emitters
- Pair and store up to 20 emitters
- Input / Output Voltage: 230V
- Power Output: 500W
- Radio frequency: 433.92MHz
- Working Temperature: -10°C ~+55°C
- Dimension: 100mm x 27mm x 40.5mm



# Suitable Drive Tube and Theoretical Load-bearing Table for Tubular Motor

Theoretical Loading Calculation Method for Tubular Motors

$$\text{Weight(kg)} = \text{Torque(N.m)} \times 100 / \text{Drive Tube Radius(mm)}$$

Type	JCD15	JCD20	JCD25		JCD28	JCD30	JCD35			JCD45		JCA35				JCA45						
	0.3Nm	0.5Nm	1.1Nm	2Nm	2Nm	2Nm	3Nm	6Nm		3Nm	6Nm	4Nm	6Nm	8Nm	10Nm	10Nm	20Nm	30Nm	40Nm	50Nm	60Nm	
Round tube Φ20	3.0	/	/	/	/	/	/	/		/	/	/	/	/	/	/	/	/	/	/	/	/
Grooved tube Φ28	2.1	3.5	/	/	/	/	/	/		/	/	/	/	/	/	/	/	/	/	/	/	/
Round tube Φ28	2.1	3.5	7.8	14.3	/	/	/	/		/	/	/	/	/	/	/	/	/	/	/	/	/
Grooved tube Φ35	1.5	2.5	5.7	10.5	/	/	/	/		/	/	/	/	/	/	/	/	/	/	/	/	/
Grooved tube Φ38	1.5	2.5	5.5	10.0	10.0	/	/	/		/	/	/	/	/	/	/	/	/	/	/	/	/
Round tube Φ40	/	/	5.5	10.0	10.0	10.0	15.0	30.0		/	/	20	30	40	50.0	/	/	/	/	/	/	/
Octagonal tube 40	/	/	/	9.3	9.3	9.3	14.0	27.9		/	/	18.6	27.9	37.2	46.5	/	/	/	/	/	/	/
Grooved tube Φ47	/	/	/	8.5	8.5	8.5	12.8	25.5		/	/	17	25.5	34	42.6	/	/	/	/	/	/	/
Grooved tube Φ50	/	/	/	8.0	8.0	8.0	12.0	24.0		/	/	16	24	32	40.0	/	/	/	/	/	/	/
Round tube Φ50	/	/	/	8.0	8.0	8.0	12.0	24.0		12.0	24.0	16	24	32	40.0	40.0	80.0	120.0	160.0	200.0	240.0	
Octagonal tube Φ50	/	/	/	7.4	7.4	7.4	11.1	22.2		11.1	22.2	14.8	22.2	29.6	37.0	37.0	74.1	111.1	148.1	185.2	222.2	
Round tube Φ55	/	/	/	/	/	/	10.9	21.8		10.9	21.8	14.5	21.7	29	36.4	36.4	72.7	109.1	145.5	181.8	218.2	
Grooved tube Φ63	/	/	/	/	/	/	9.5	19.0		9.5	19.0	12.7	19	25.4	31.7	31.7	63.5	95.2	127.0	158.7	190.5	
Octagonal tube Φ60	/	/	/	/	/	/	9.2	18.5		9.2	18.5	12.3	18.4	24.6	30.8	30.8	61.5	92.3	123.1	153.8	184.6	
Φ70	/	/	/	/	/	/	8.6	17.1		8.6	17.1	11.4	17.1	22.8	28.6	28.6	57.1	85.7	114.3	142.9	171.4	
Octagonal tube Φ70	/	/	/	/	/	/	7.9	15.8		7.9	15.8	10.5	15.7	21	26.3	26.3	52.6	78.9	105.3	131.6	157.9	
Φ80	/	/	/	/	/	/	/	/		/	/	/	/	/	/	25	50.0	75.0	100.0	125.0	150.0	
Φ85	/	/	/	/	/	/	/	/		/	/	/	/	/	/	23.5	47.0	70.5	94.0	117.5	141.0	
Φ106	/	/	/	/	/	/	/	/		/	/	/	/	/	/	18.8	37.7	56.6	75.5	94.3	113.2	

- Remark:
- 1.The drive tube showed in this table is external tube diameter; and there is allowed 2% difference for tube diameter between the same kind.
  - 2.The unit of load-bearing weight in this table is "kg"
  - 3.This is just the reference table, for the actual load-bearing weight, a range of 5%-15% coefficient of friction should be deducted; for rolling shutter and the products including the tracks, a range of 30%-35% coefficient of friction should be deducted.

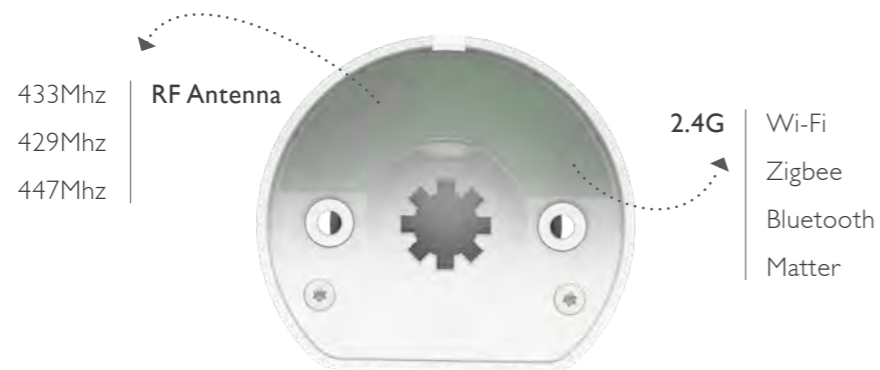
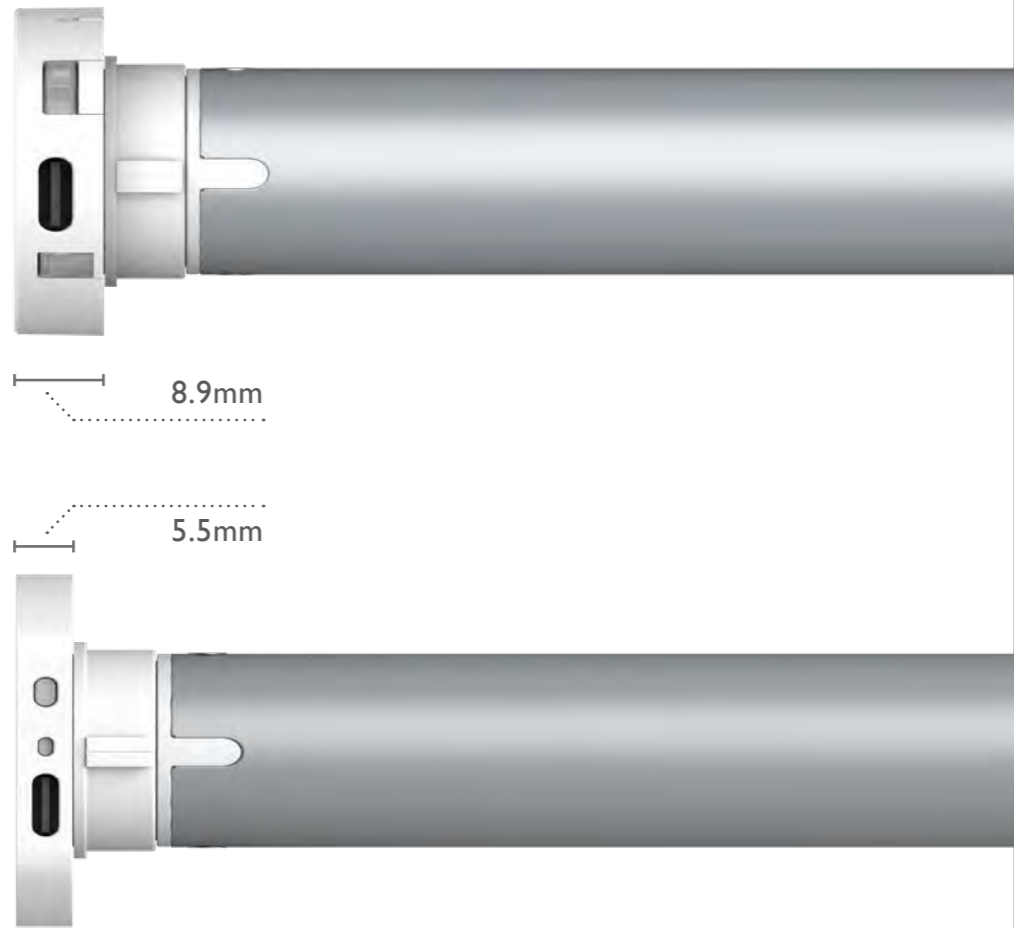
# Ultra-thin Motor Head

2021  
2<sup>nd</sup> Gen



2023  
3<sup>rd</sup> Gen

We have new developed thin motor head with built-in antenna

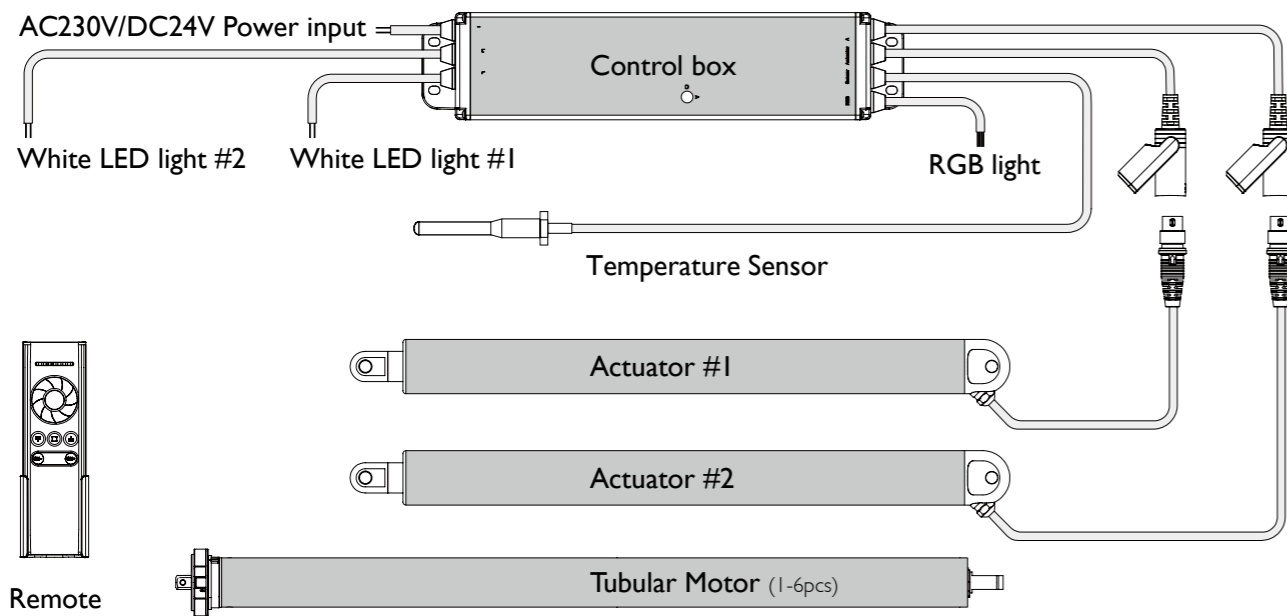


5.5mm





# Pergola Flex™ Solution



## Control box



Type	Pro	Elite	Lite
Rated Voltage	220~240V 50Hz	24V DC	24V DC
Size	530*80*25mm	320*80*25mm	320*50*25mm
Rated Power	200W	400W	400W
No. of Actuator	Dual	Dual	single
Output Control	2*100W White LED light, independent control or 1*130W RGB light		
Sensor	Temp sensor/Wind	Temp sensor/Wind	Temp sensor
Protection Degree	IP65	IP65	IP65

## Actuator



Type	W2	W5	N6	N8
Max Loading	2000N	2000N	1200N	2500N
Max Stroke	50-400mm	50-400mm	0-300mm	50-300mm
Protection Degree	IPX4	IP67	IPX6	IPX6
Noise	≤48dB	≤55dB	≤55dB	≤58dB

## Tubular Motor



JCD35/JCD45 Ultra-quiet Motor  
Rated Torque: 10-20N.m



JCA35/JCA45 Low-noise Motor  
Rated Torque: 10-50N.m

## Remote



W7A 6-channel remote  
Control channel:  
Actuator\*2, White LED\*2,  
RGB LED\*1, Sensor\*1



W7B 12-channel remote  
Control channel:  
Actuator\*2, White LED\*2,  
RGB LED\*1, Sensor\*1,  
Tubular Motor\*6

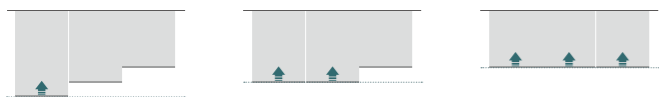


# Intelligent Hembar Alignment

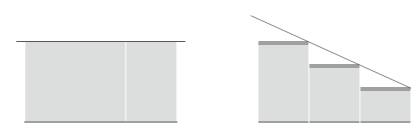
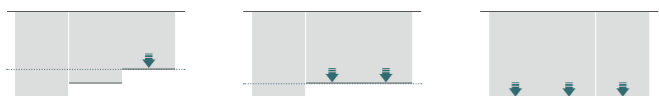


## Alignment process

Upward Alignment



Downward Alignment



Suitable for different space locations

## Aligned shades create clean lines

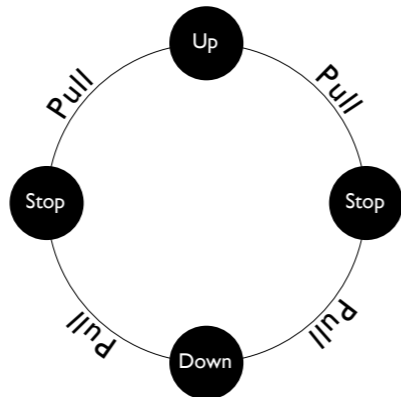
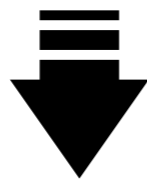
Misaligned shades will affect interior light levels. Shade misalignment can have a significant impact to the interior and exterior aesthetics of a building. When shades become misaligned, hembars can be out of place and distracting at all positions. Preset positions may not precisely align with window mullions. When fully open, hembars may hang below the ceiling. When fully closed, hembars may rest on windowsills.



# Plain-pull Controller



**PULL**



# Smart Wire Controller



JCD-EC-A-A-A



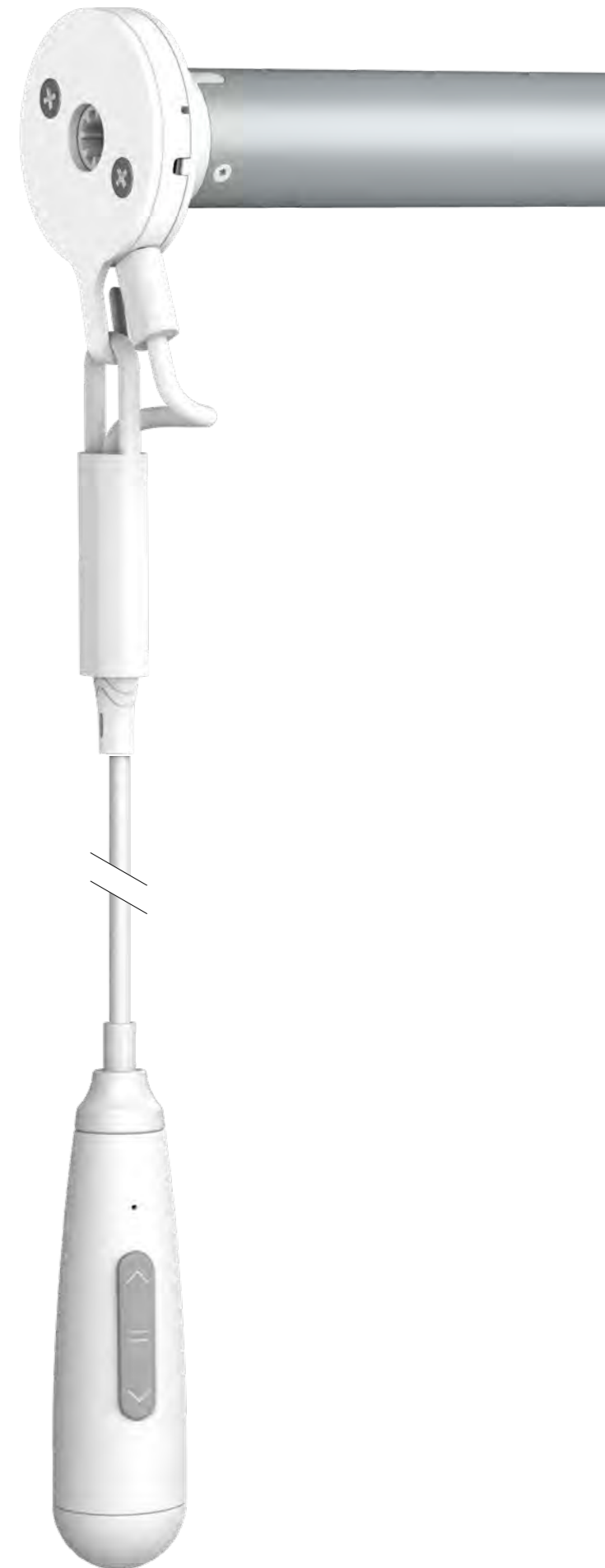
JCD-EC-A-A-B

## FEATURES

JIECANG wire control motors contain several variants.

1. Wire control motor with built-in battery
2. Wire control motor with external motor
3. Hard tube and folded flexible cable options available

Rated Voltage	8.4V Battery
Rated Current	0.8 A
Rated Power	8 Watts
Rated Torque	1.1 Nm
Rated Speed	20/25/30rpm
Radio Frequency	433.92Mhz
IP Degree	A:IP44   B:IP20
Operation Noise	33dBA, testing under ISO3745
Power Supply	2pcs of 18650 Li-on Battery
Battery Life	6 months (Window height 1.5m and Width 1.2m, operate 2 up/down per day)
Motor Weight	0.51 kg
Motor Length	455mm
Protection time of continuous operation	Max operates 6 minutes before automatically stop
Recommend Shade Size	Max Width: 2m, Max Height: 4m, Loading: 7Kgs
Application	Roller Shade   Honeycomb Blind Roman Blinds   Shangri-la Blinds

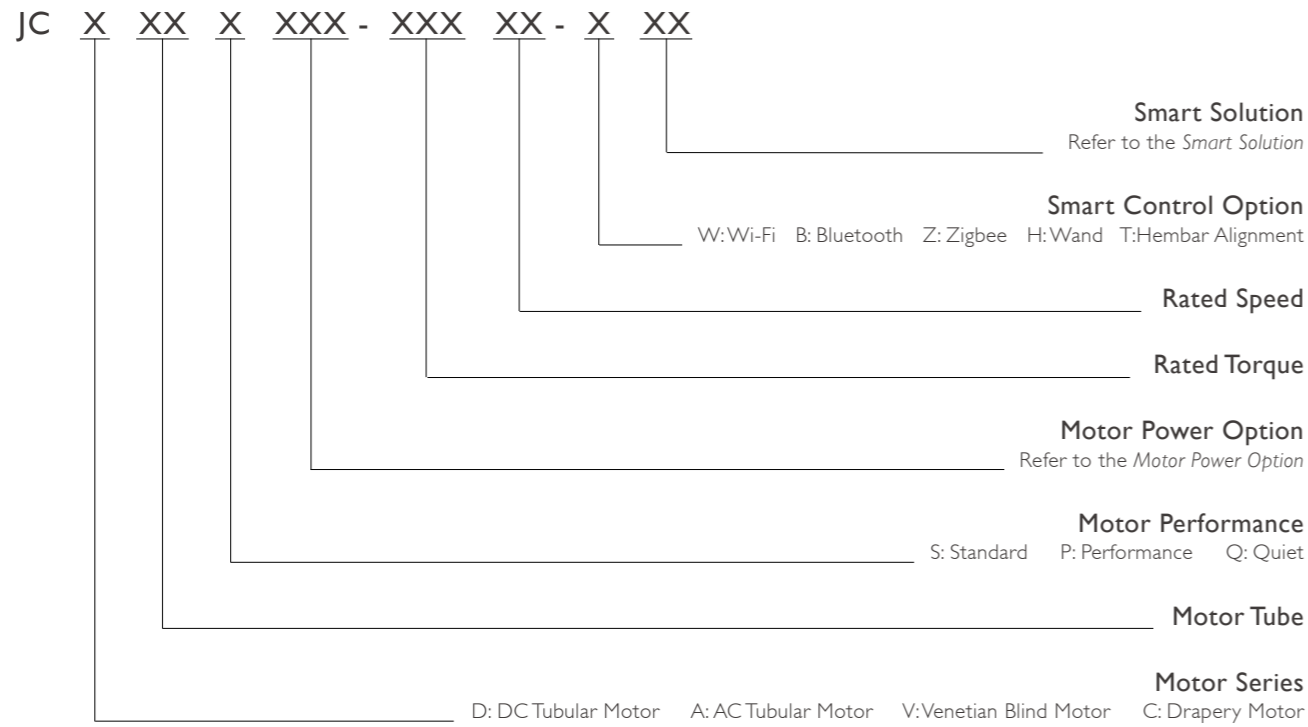


# Index of Motors

<b>DC Tubular Motors</b>	Built-in Li-ion battery ( Mini Bridge/Hub   Plug-in Bluetooth or Zigbee )		USB charging	15mm	JCD15SLEU-xxxx	P60
				20mm	JCD20SLEU-xxxx	P61
				25mm	JCD25SLEU-xxxx	P53/63
				28/30mm	JCD28/30QLEU-xxxx	P64
				35mm	JCD35QLEU-xxxx	P54/65
		45mm	JCD45QLEU-xxxx	P55/66		
	AC power supply ( Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee )		Adapter charging	15mm	JCD15SLE-xxxx	P68
				25mm	JCD25SLE-xxxx	P69
				28/30mm	JCD28/30QLE-xxxx	P71
			With external adapter	15mm	JCD15SAE-xxxx	P73
			25mm	JCD25SAE-xxxx	P74	
	28/30mm	JCD28/30QAE-xxxx	P75			
	With built-in transformer	25mm	JCD25STE-xxxx	P77		
		35mm	JCD35QTE-xxxx	P56/78		
		45mm	JCD45QTE-xxxx	P57/79		
<b>AC Tubular Motors</b>	Mechanical Limit	S	35mm	AC230 50Hz	JCA35SS-xxxx	P84
				AC110 60Hz	JCA35SSL-xxxx	P84
			45mm	AC230 50Hz	JCA45SS-xxxx	P85
				AC110 60Hz	JCA45SSL-xxxx	P85
	RF & Mechanical Limit	R	35mm	AC230 50Hz	JCA35SR-xxxx	P87
				AC110 60Hz	JCA35SRL-xxxx	P87
			45mm	AC230 50Hz	JCA45SR-xxxx	P88
				AC110 60Hz	JCA45SRL-xxxx	P88
	RF & Electronic Limit & Smart Control	E	35mm	AC230 50Hz	JCA35SE-xxxx	P90
				AC110 60Hz	JCA35SEL-xxxx	P90
			45mm	AC230 50Hz	JCA45SE-xxxx	P91
				AC110 60Hz	JCA45SEL-xxxx	P91
Hand Crank	M	45mm	AC230 50Hz	JCA45SM-xxxx	P93	
			AC110 60Hz	JCA45SML-xxxx	P93	
<b>Venetian Blind Motors</b>						P94
<b>Drapery Motors</b>						P103



# Motor Name Rule



Motor Power Option	
LEU	Internal Li-ion Battery Powered   USB Charging
LE	Internal Li-ion Battery Powered   Adapter Charging
AE	AC Power Supply   With External Adapter
TE	AC Power Supply   With Built-in Transformer
S	Mechanical Limit
R	RF & Mechanical Limit
E	RF & Electronic Limit & Smart Control

Smart Solution										
	Tuya	JD	Tmall	HUAWEI	MI	Baidu	RS485	Dry Contact	Power Switch	Ultra Short Motor
01	•									
02		•								
03			•							
05				•						
06					•					
07						•				
08	•		•		•					
...										
10							•			
11							•	•		
12							•	•	•	
...										
20								•		
...										
30									•	
31										•
...										

# Motors



DC Tubular Motor	51
AC Tubular Motor	82
Venetian Blinds	94
Drapery Motor	103

## DC Tubular Motors

Ultra-quiet Motors	52
Rechargeable Motors	59
DC Low Voltage Motors	72
Solar Panel	80
External Battery	81



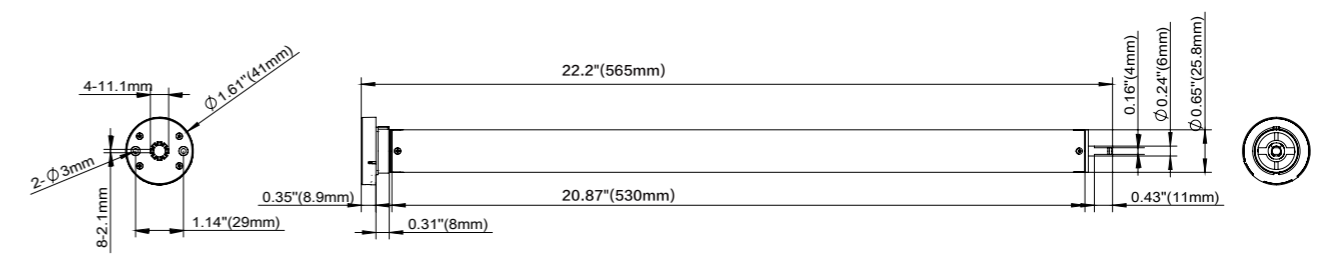
# Ultra-quiet Motor



Coming Soon

## Rechargeable Motors - USB Charging

**25mm** Internal Li-ion Battery Powered

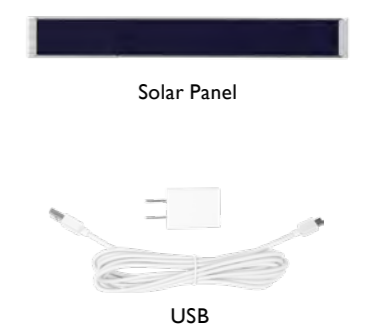


### TECHNICAL SPECS

Type	JCD25SLEU-1130	JCD25PLEU-2020
Rated Torque	1.1	2.0
Rated Speed	20/25/30	20/24/28
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	12	18
Rated Current	0.8	1.6
Maximum Shade Size *	84"×84" 2.1m*2.1m	84"×160" 2.1m*4.1m
Weight Capacity **	9 lb   4 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**28dBA**  
**433** Radio Frequency:433.92MHz  
**IP20/44** Protection Class:IP20/44

### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
38mm Tube	JH02 Crown	JL02 Drive	38mm Tube	JH08 Crown	JL08 Drive

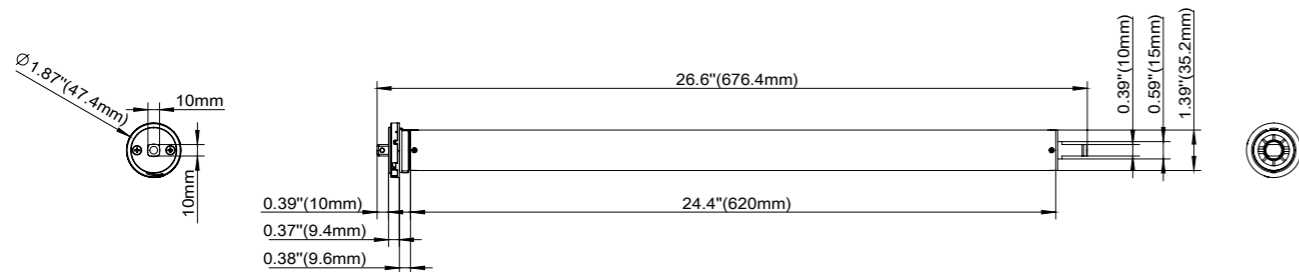
\* Please refer to "Accessories" for more information.



# Rechargeable Motors - USB Charging



**35mm** Internal Li-ion Battery Powered



## TECHNICAL SPECS

Type	JCD35QLEU-3025	JCD35QLEU-5025
Rated Torque	3.0	5.0
Rated Speed	20/25/30	20/25/30
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	30	60
Rated Current	2.5	5
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	22 lb   10 kg	35 lb   16 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**28dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

## RECOMMENDED ACCESSORIES\*

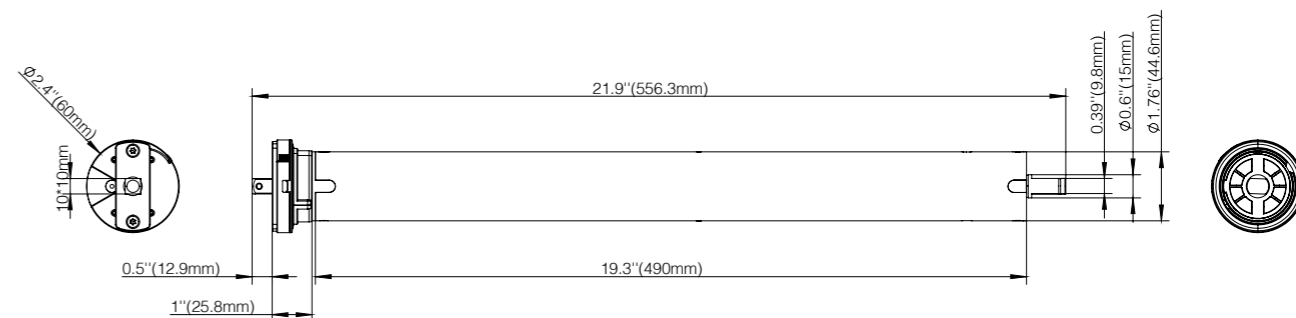
Recommend A			Recommend B		
47mm Tube	JH13 Crown	JL11 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging



**45mm** Internal Li-ion Battery Powered



## TECHNICAL SPECS

Type	JCD45QLEU-6017	JCD45QLEU-10010
Rated Torque	6.0	10.0
Rated Speed	12/15/17	10/13/15
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	40	50
Rated Current	3.3	4
Maximum Shade Size *	84"×160"   2.1m*4.1m	120"×300"   3m*6m
Weight Capacity **	28 lb   13 kg	44 lb   20 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**28dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
55mm Tube	JH14 Crown	JL13 Drive	60mm Tube	JH03 Crown	JL03 Drive

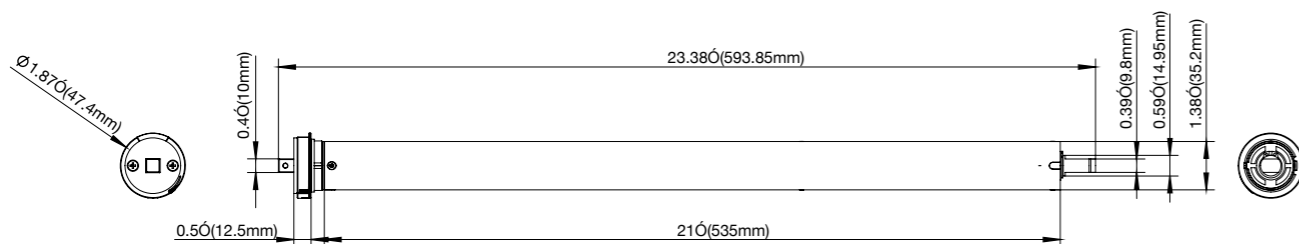
\* Please refer to "Accessories" for more information.



# DC Low Voltage Motors-TE



**35mm** AC100~240 Powered



## TECHNICAL SPECS

Type	JCD35QTE-3025	JCD35QTE-5025
Rated Torque	3	5
Rated Speed	20/25/30	15/20/25
Power Supply	AC100~240V	AC100-120V/AC220-240V
Rated Power	30	60
Rated Current	0.3	0.3
Maximum Shade Size *	84"×84"   2.1m*2.1m	84"×160"   2.1m*4.1m
Weight Capacity **	22 lb   10 kg	35 lb   16 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## POWER SOLUTION



AC100 ~ 240

28dBA  
Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

433 Radio Frequency:433.92MHz

IP44 Protection Class:IP44

## RECOMMENDED ACCESSORIES\*

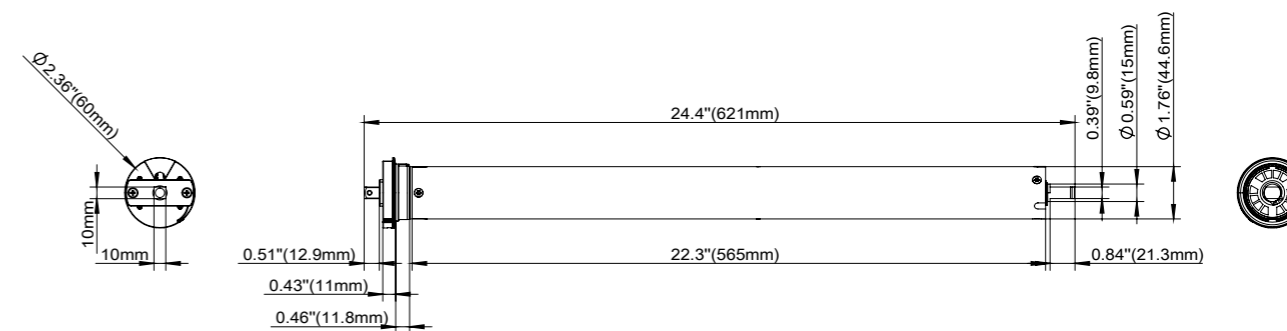
Recommend A			Recommend B		
47mm Tube	JH13 Crown	JL11 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# DC Low Voltage Motors-TE



**45mm** AC100~240 Powered



## TECHNICAL SPECS

Type	JCD45QTE-6017	JCD45QTE-10010
Rated Torque	6	10
Rated Speed	12/15/17	10/13/15
Power Supply	AC100~240V	AC100-120V/AC220-240V
Rated Power	40	54
Rated Current	0.4	0.25
Maximum Shade Size *	84"×84"   2.1m*2.1m	84"×160"   2.1m*4.1m
Weight Capacity **	28 lb   13 kg	44 lb   20 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## POWER SOLUTION



AC100 ~ 240

28dBA  
Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

433 Radio Frequency:433.92MHz

IP44 Protection Class:IP44

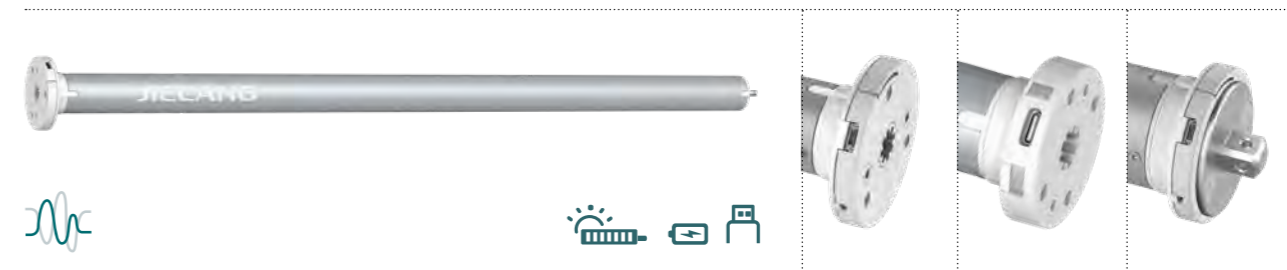
## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
55mm Tube	JH14 Crown	JL13 Drive	60mm Tube	JH03 Crown	JL03 Drive



# Rechargeable Motors - USB Charging

## Internal Li-ion Battery Powered



### FEATURES

- Various torque for widely applicate.
- Internal rechargeable lithium battery.
- Smart control with Smart Hub and Mini Bridge.
- Compatible with leading brands of Home Automation Systems.
- Low standby power design,would operate 4~6 month when fully charged.
- Powered by USB charging or solar panel.
- Built-in RF433.92 wireless receiver,electronic limit.
- Patented spring arm button design on motor head, good operating feeling.
- Thinnest motor head design,minimize light transmission gap.
- Patented silent motor design,running noise.
- 3 speeds adjustable.
- Stall protection.
- Easily set up/down limit,and favorite position.

### CERTIFICATIONS



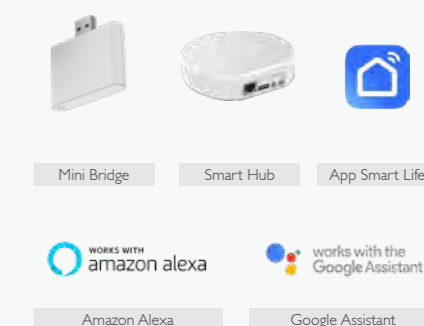
### APPLICATION



### CONTROL SOLUTIONS



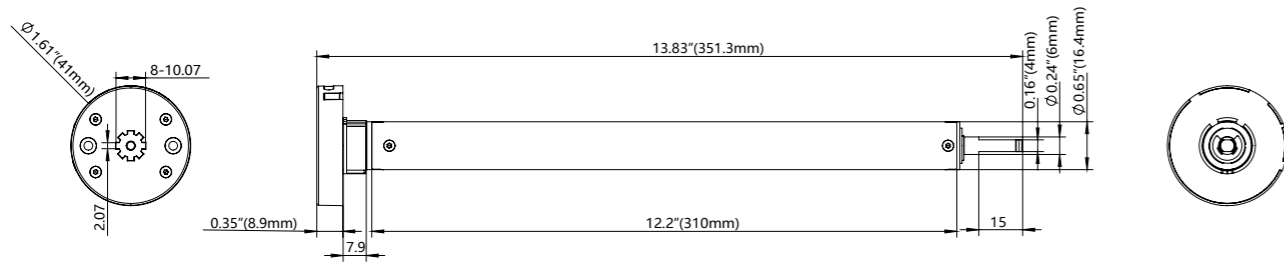
### SMART SOLUTIONS





# Rechargeable Motors - USB Charging

**15mm** Internal Li-ion Battery Powered



## TECHNICAL SPECS

Type	JCD15SLEU-0330
Rated Torque	0.3
Rated Speed	25/30/35
Power Supply	5V/2A USB Recharger
Rated Power	5
Rated Current	0.6
Maximum Shade Size *	40"×40"   1.0m*1.0m
Weight Capacity **	4 lb   2 kg
Smart Control	Mini Bridge/Hub

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## CERTIFICATIONS



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

**433** Radio Frequency:433.92MHz

**IP20** Protection Class:IP20

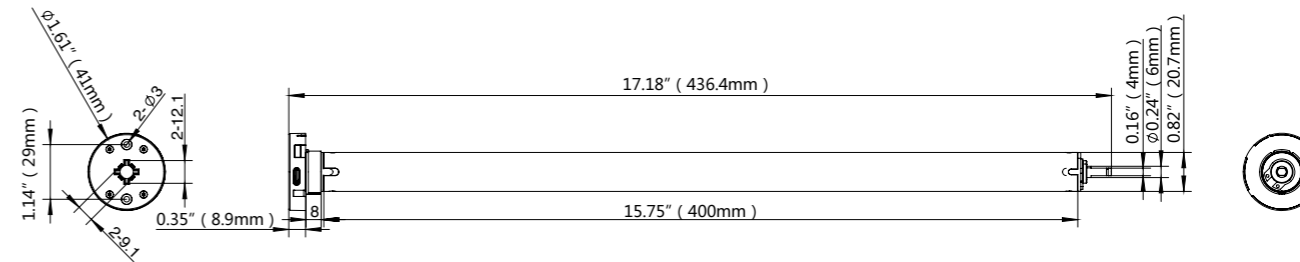
## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
20mm Tube	JH05 Crown	JL05 Drive	28mm Tube	JH04 Crown	JL04 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging

**20mm** Internal Li-ion Battery Powered



## TECHNICAL SPECS

Type	JCD20SLEU-0525
Rated Torque	0.5
Rated Speed	20/25/30
Power Supply	5V/2A USB Recharger
Rated Power	5
Rated Current	0.8
Maximum Shade Size *	40"×40"   1.0m*1.0m
Weight Capacity **	6 lb   3 kg
Smart Control	Mini Bridge/Hub

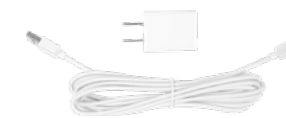
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## CERTIFICATIONS



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

**433** Radio Frequency:433.92MHz

**IP20/45** Protection Class:IP20/45

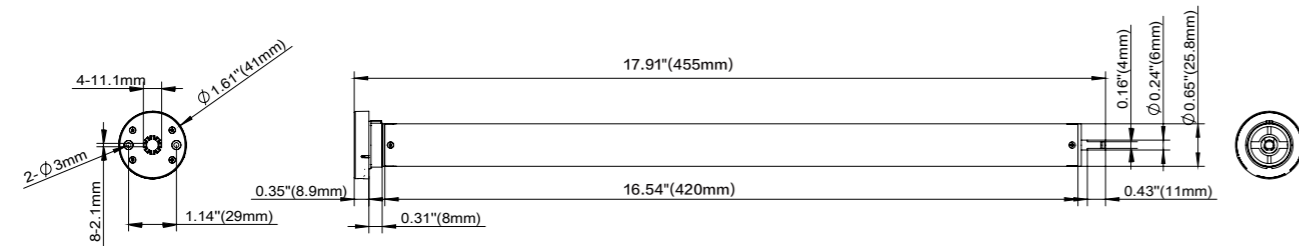
## RECOMMENDED ACCESSORIES\*

28mm Tube	JH27 Crown	JL07 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging

## 25mm Internal Li-ion Battery Powered (2 batteries)



### TECHNICAL SPECS

Type	JCD25SLEU-1130
Rated Torque	1.1
Rated Speed	20/25/30
Power Supply	5V/2A USB Charger&Solar Panel
Rated Power	9.6
Rated Current	1.0
Maximum Shade Size *	84"×84"   2.1m*2.1m
Weight Capacity **	9 lb   4 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20/45** Protection Class:IP20/45

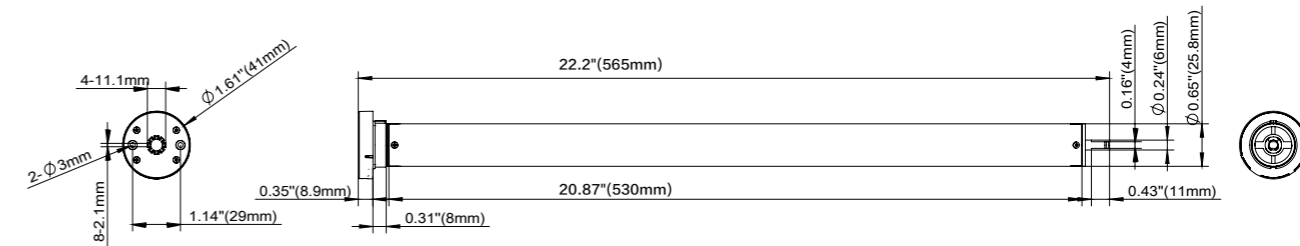
### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
38mm Tube	JH02 Crown	JL02 Drive	38mm Tube	JH08 Crown	JL08 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging

## 25mm Internal Li-ion Battery Powered (3 batteries)



### TECHNICAL SPECS

Type	JCD25SLEU-1130	JCD25PLEU-2020
Rated Torque	1.1	2.0
Rated Speed	20/25/30	20/24/28
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	12	18
Rated Current	0.8	1.6
Maximum Shade Size *	84"×84"   2.1m*2.1m	84"×160"   2.1m*4.1m
Weight Capacity **	9 lb   4 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20/45** Protection Class:IP20/45

### RECOMMENDED ACCESSORIES\*

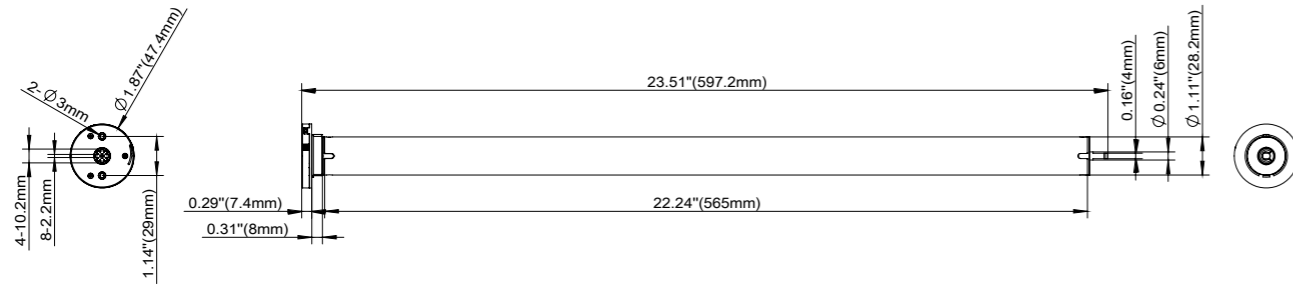
Recommend A			Recommend B		
38mm Tube	JH02 Crown	JL02 Drive	38mm Tube	JH08 Crown	JL08 Drive

\* Please refer to "Accessories" for more information.



# Rechargeable Motors - USB Charging

## 28/30mm Internal Li-ion Battery Powered



### TECHNICAL SPECS

Type	JCD28QLEU-2020	JCD30QLEU-2020
Rated Torque	2.0	2.0
Rated Speed	20/24/28	20/24/28
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	18	18
Rated Current	1.6	1.6
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	19 lb   9 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**30dBA**  
**433** Radio Frequency:433.92MHz  
**IP20/45** Protection Class:IP20/45

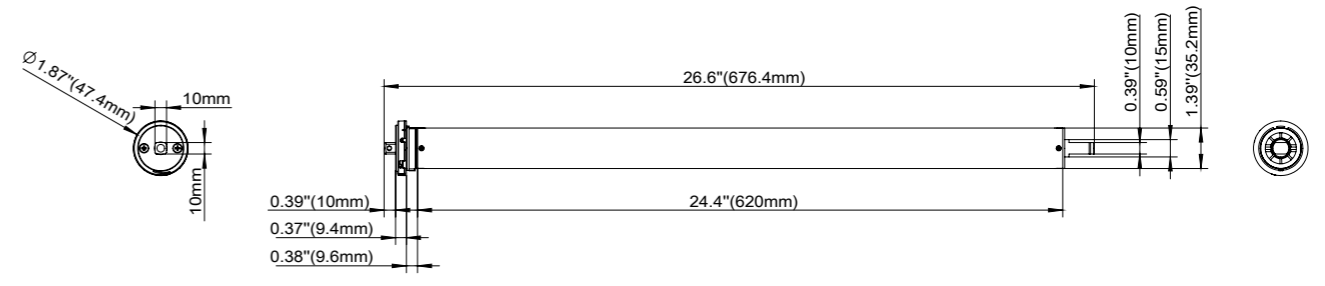
### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
38mm Tube	JH10 Crown	JL02 Drive	47mm Tube	JH12 Crown	JL11 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging

## 35mm Internal Li-ion Battery Powered



### TECHNICAL SPECS

Type	JCD35SLEU-3024	JCD35SLEU-6017	JCD35SLEU-10010
Rated Torque	3.0	6.0	10.0
Rated Speed	20/24/28	12/15/17	10/13/15
Power Supply	5V/2A USB Charger & Solar Panel		
Rated Power	30	40	50
Rated Current	2.5	3.3	4
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	22 lb   10 kg	44 lb   20 kg	66 lb   30 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee		

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

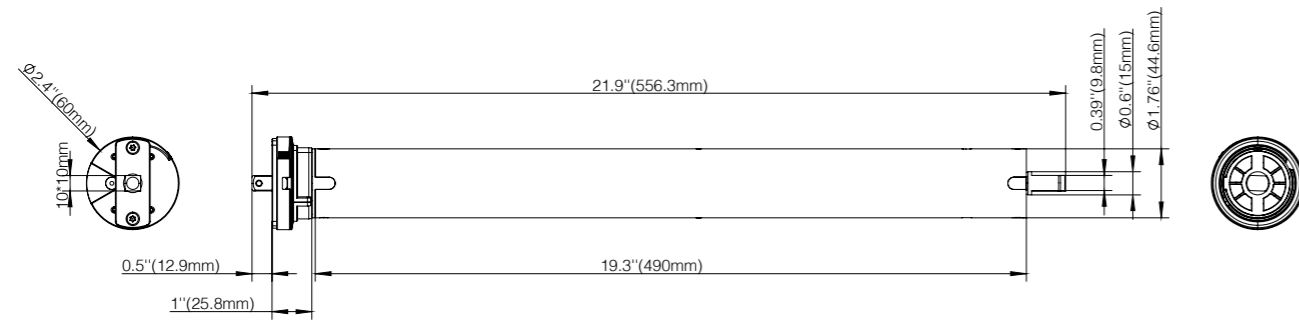
### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
47mm Tube	JH13 Crown	JL11 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# Rechargeable Motors - USB Charging

## 45mm Internal Li-ion Battery Powered



### TECHNICAL SPECS

Type	JCD45SLEU-10014	JCD45SLEU-20010
Rated Torque	10.0	20.0
Rated Speed	14/17/20	10/13/15
Power Supply	5V/2A USB Charger&Solar Panel	
Rated Power	60	80
Rated Current	5	5
Maximum Shade Size *	84"×160"   2.1m*4.1m	120"×300"   3m*6m
Weight Capacity **	44 lb   20 kg	99 lb   45 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



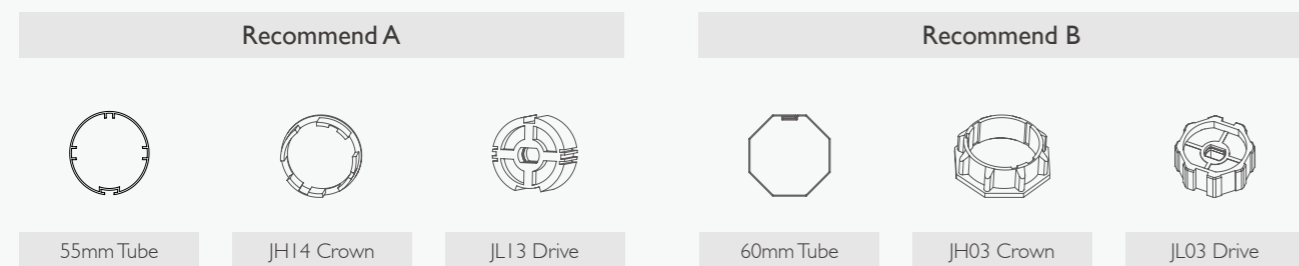
Solar Panel



USB

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

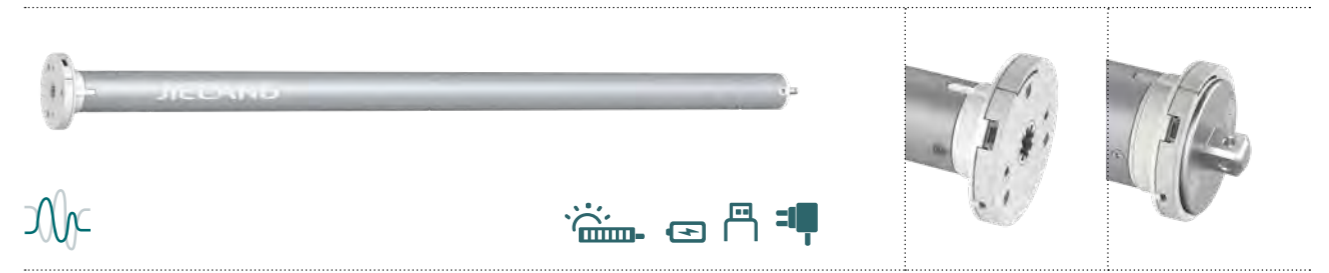
### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# Rechargeable Motors - Adapter Charging

## Internal Li-ion Battery Powered



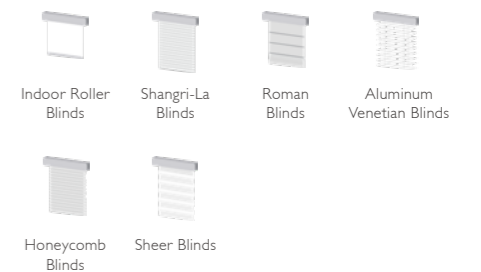
### FEATURES

- Various torque for widely applicate.
- Internal rechargeable lithium battery.
- Smart control with Smart Hub and Mini Bridge.
- Compatible with leading brands of Home Automation Systems.
- Low standby power design,would operate 4~6 month when fully charged.
- Powered by Adapter or USB charging or solar panel.
- Built-in RF433.92 wireless receiver,electronic limit.
- Patented spring arm button design on motor head, good operating feeling.
- Thinnest motor head design,minimize light transmission gap.
- Patented silent motor design,running noise.
- 3 speeds adjustable.
- Stall Protection.
- Easily set up/down limit,and favorite position.

### CERTIFICATIONS



### APPLICATION

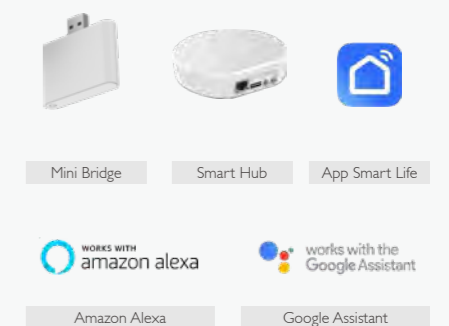


### CONTROL SOLUTIONS



W1 Series W3 Series W2 Series W5 Series

### SMART SOLUTIONS

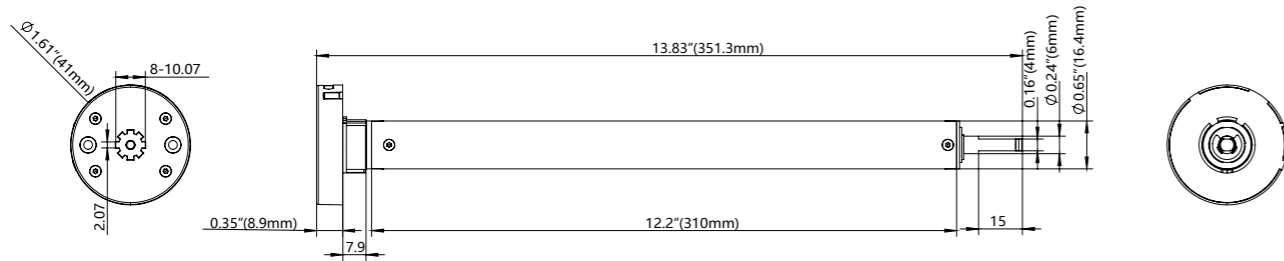


Mini Bridge Smart Hub App Smart Life  
 WORKS WITH amazon alexa works with the Google Assistant  
 Amazon Alexa Google Assistant



# Rechargeable Motors - Adapter Charging

## 15mm Internal Li-ion Battery Powered

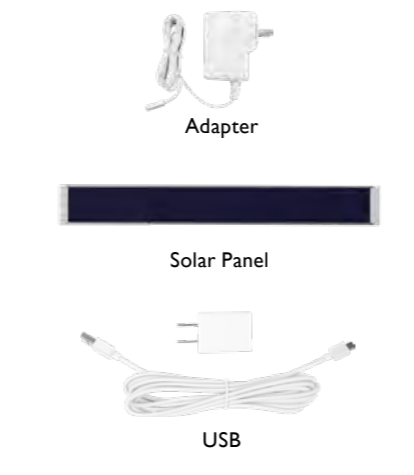


### TECHNICAL SPECS

Type	JCD15SLE-0330
Rated Torque	0.3
Rated Speed	25/30/35
Power Supply	Adapter & 5V/2A USB Charger & Solar Panel
Rated Power	5
Rated Current	0.6
Maximum Shade Size *	40"×40"   1.0m*1.0m
Weight Capacity **	4 lb   2 kg
Smart Control	Mini Bridge/Hub

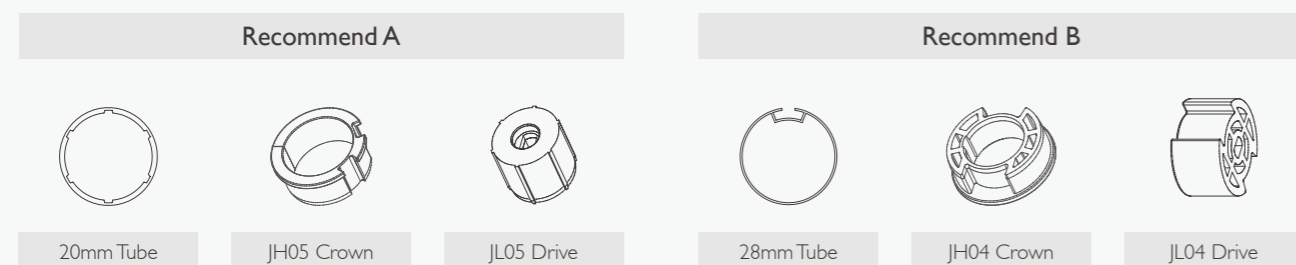
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**30dBA**  
**433** Radio Frequency:433.92MHz  
**IP20/44** Protection Class:IP20/44

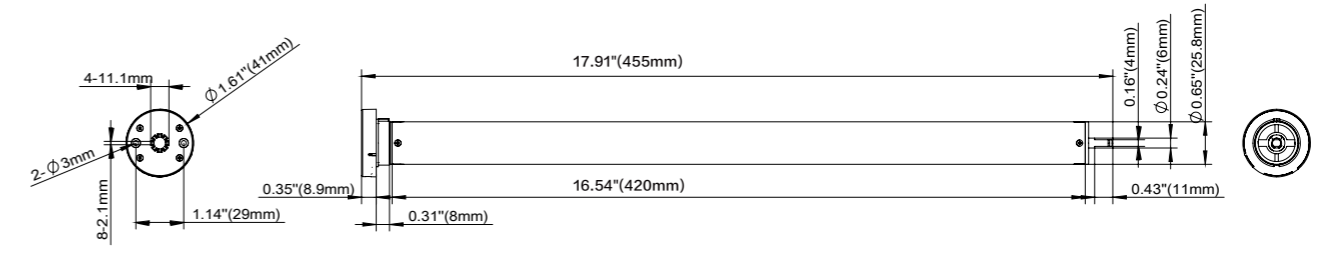
### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# Rechargeable Motors - Adapter Charging

## 25mm Internal Li-ion Battery Powered (2 batteries)

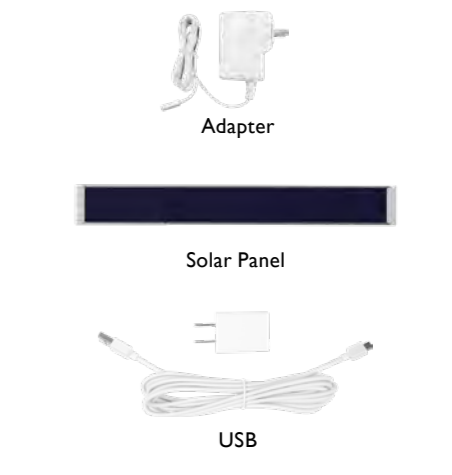


### TECHNICAL SPECS

Type	JCD25SLE-1130
Rated Torque	1.1
Rated Speed	20/25/30
Power Supply	5V/2A Adapter & 5V/2A USB Charger & Solar Panel
Rated Power	9.6
Rated Current	1.0
Maximum Shade Size *	84"×84"   2.1m*2.1m
Weight Capacity **	9 lb   4 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee

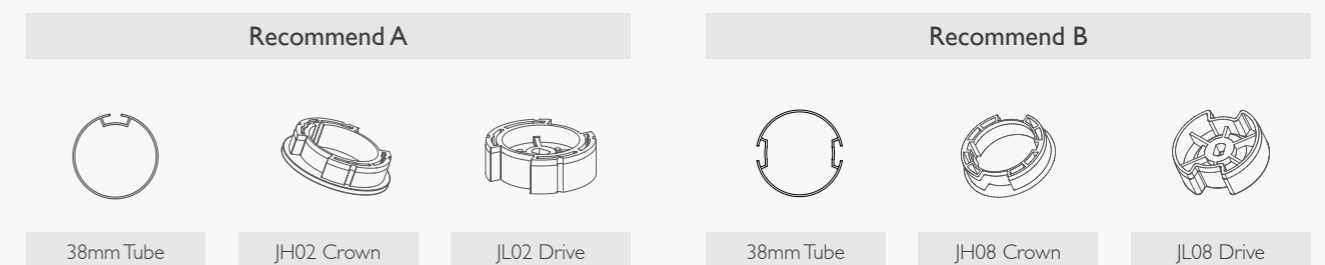
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

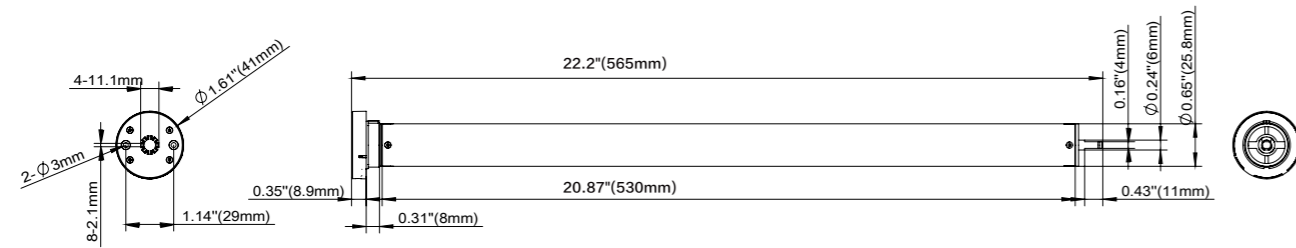
### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# Rechargeable Motors - Adapter Charging

## 25mm Internal Li-ion Battery Powered (3 batteries)

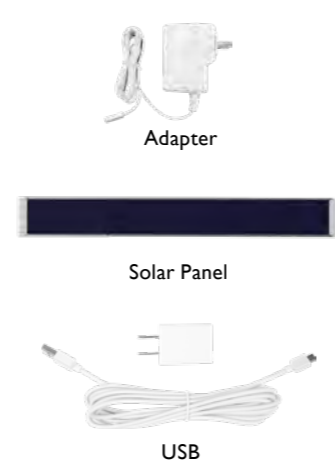


### TECHNICAL SPECS

Type	JCD25SLE-1130	JCD25PLE-2020
Rated Torque	1.1	2.0
Rated Speed	20/25/30	20/24/28
Power Supply	5V/2A Adapter & 5V/2A USB Charger & Solar Panel	
Rated Power	12	18
Rated Current	0.8	1.6
Maximum Shade Size *	84"×84" 2.1m*2.1m	84"×160" 2.1m*4.1m
Weight Capacity **	9 lb   4 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

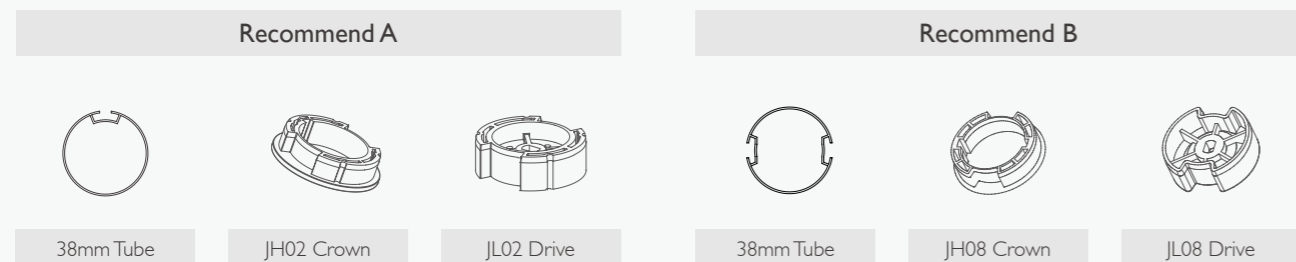
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

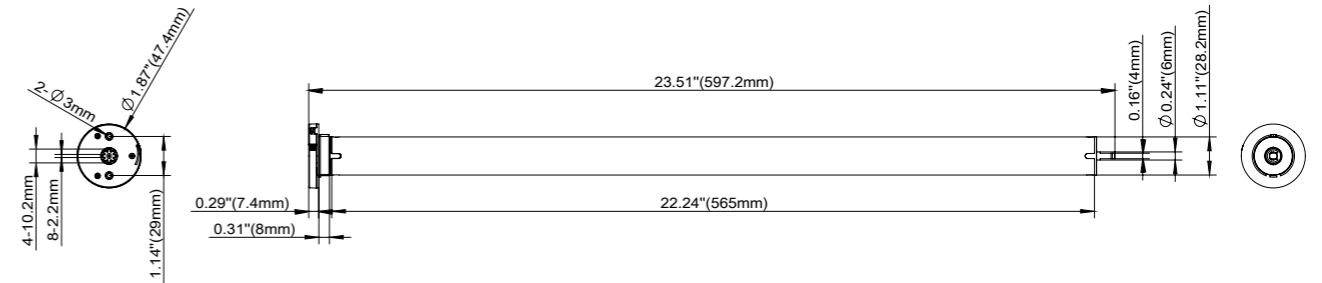
### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# Rechargeable Motors - Adapter Charging

## 28/30mm Internal Li-ion Battery Powered

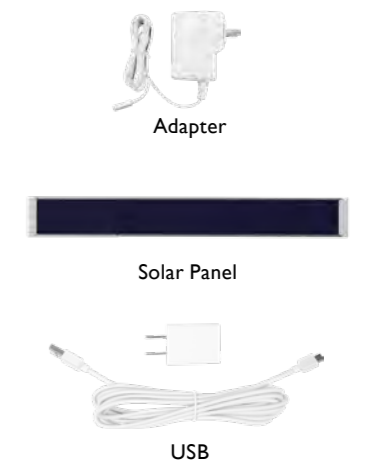


### TECHNICAL SPECS

Type	JCD28QLE-2020	JCD30QLE-2020
Rated Torque	2.0	2.0
Rated Speed	20/24/28	20/24/28
Power Supply	5V/2A Adapter & 5V/2A USB Charger & Solar Panel	
Rated Power	18	18
Rated Current	1.6	1.6
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	19 lb   9 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee	

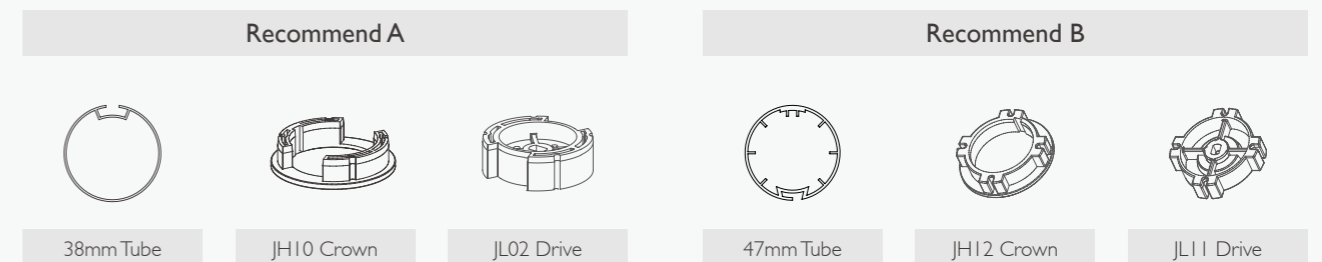
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**30dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

### RECOMMENDED ACCESSORIES\*

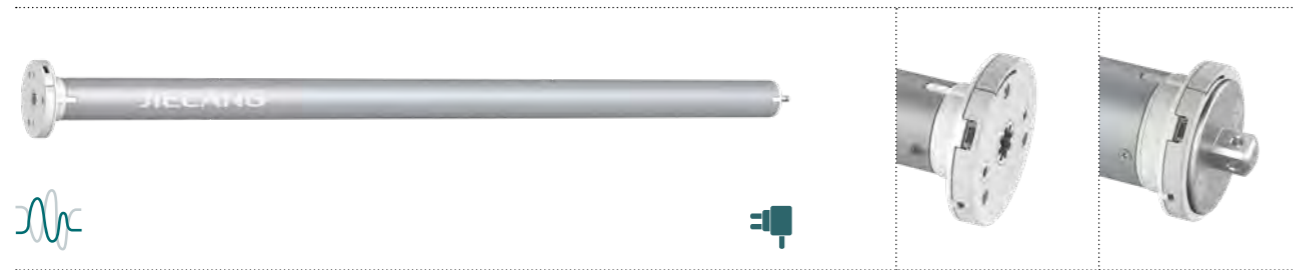


\* Please refer to "Accessories" for more information.



# DC Low Voltage Motors-AE

## Adapter Powered



### FEATURES

- Various torque for widely applicate.
- Extenal adapter, short motor length.
- Smart control with Smart Hub and Mini Bridge.
- Compatible with leading brands of Home Automation Systems.
- Internal or external Wi-Fi/Zigbee/Bluetooth.
- Built-in RF433.92 wireless receiver,electronic limit.
- Patented spring arm button design on motor head, good operating feeling.
- Thinnest motor head design,minimize light transmission gap.
- Patented silent motor design,running noise.
- 3 speeds adjustable.
- Stall Protection.
- Easily set up/down limit,and favorite position.

### CERTIFICATIONS



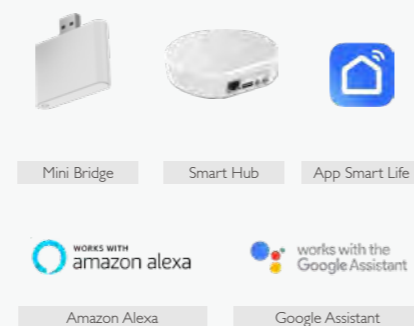
### APPLICATION



### CONTROL SOLUTIONS

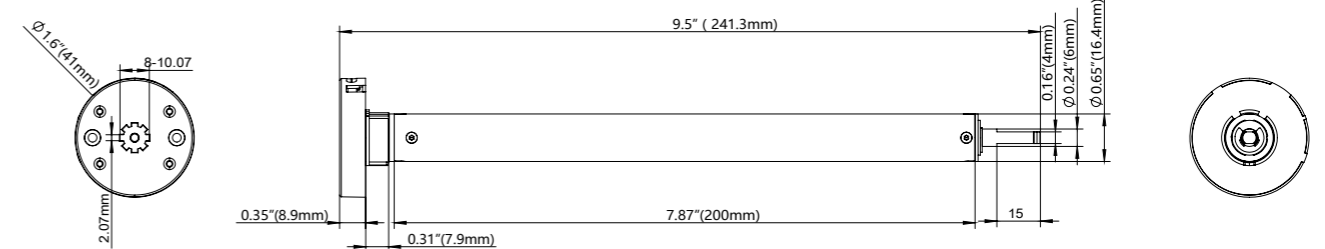


### SMART SOLUTIONS



# DC Low Voltage Motors-AE

## 15mm Adapter Powered



### TECHNICAL SPECS

Type	JCD15SAE-0330
Rated Torque	0.3
Rated Speed	25/30/35
Power Supply	8.4V/1A Adapter
Rated Power	5
Rated Current	0.6
Maximum Shade Size *	40"×40"   1.0m*1.0m
Weight Capacity **	4 lb   2 kg
Smart Control	Mini Bridge/Hub

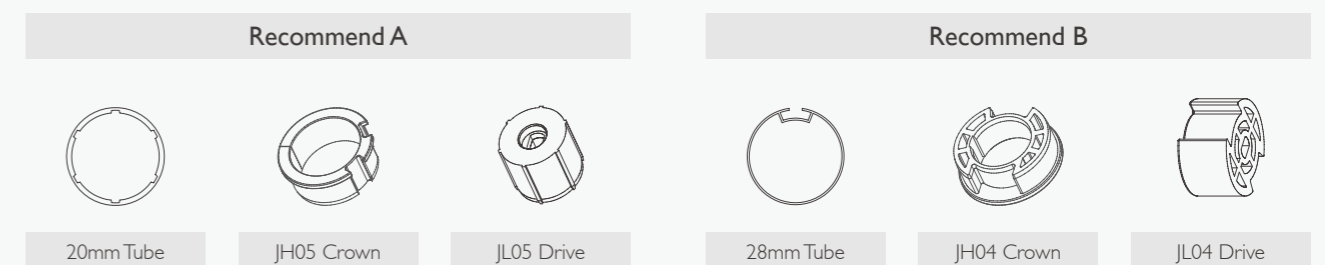
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### POWER SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**30dBA** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

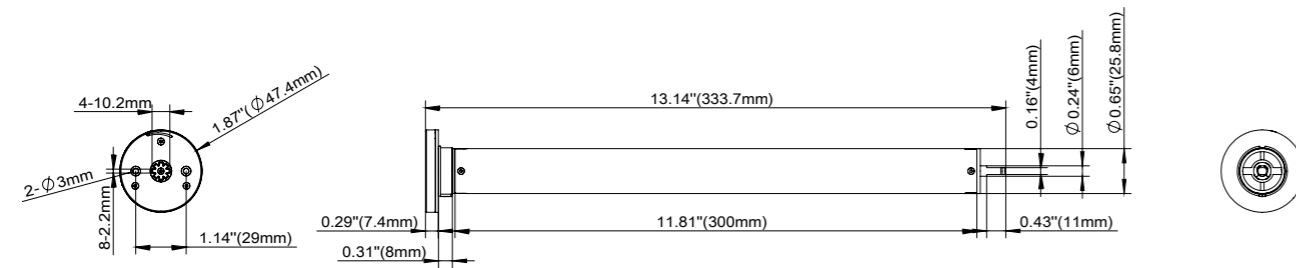
### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# DC Low Voltage Motors-AE

## 25mm Adapter Powered



### TECHNICAL SPECS

Type	JCD25SAE-I130	JCD25PAE-2020
Rated Torque	1.1	2.0
Rated Speed	20/25/30	20/24/28
Power Supply	12V/2A Adapter	12V/3A Adapter
Rated Power	12	18
Rated Current	1.0	1.6
Maximum Shade Size *	84"×84" 2.1m*2.1m	84"×160" 2.1m*4.1m
Weight Capacity **	9 lb   4 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### POWER SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

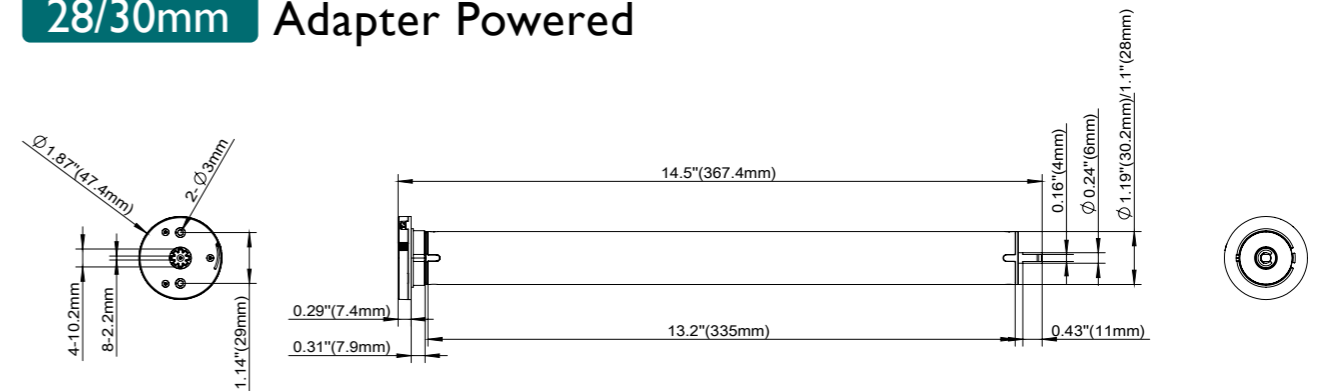
### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
38mm Tube	JH02 Crown	JL02 Drive	38mm Tube	JH08 Crown	JL08 Drive

\* Please refer to "Accessories" for more information.

# DC Low Voltage Motors-AE

## 28/30mm Adapter Powered



### TECHNICAL SPECS

Type	JCD28QAE-2020	JCD30QAE-2020
Rated Torque	2.0	2.0
Rated Speed	20/24/28	20/24/28
Power Supply	12V/3A Adapter	
Rated Power	18	18
Rated Current	1.6	1.6
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	19 lb   9 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### POWER SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**30dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

### RECOMMENDED ACCESSORIES\*

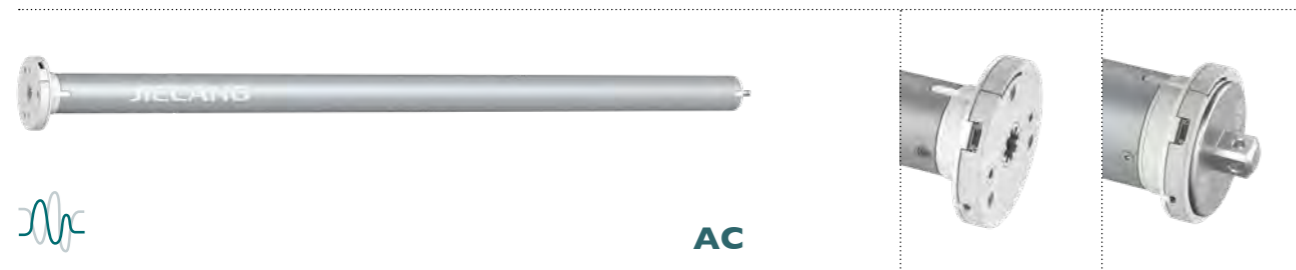
Recommend A			Recommend B		
38mm Tube	JH10 Crown	JL02 Drive	47mm Tube	JH12 Crown	JL11 Drive

\* Please refer to "Accessories" for more information.



# DC Low Voltage Motors-TE

AC100~240 Powered



## FEATURES

- Various torque for widely applicate.
- Built-in transformer, AC input.
- Smart control with Smart Hub and Mini Bridge.
- Compatible with leading brands of Home Automation Systems.
- Internal or external Wi-Fi/Zigbee/Bluetooth.
- Built-in RF433.92 wireless receiver, electronic limit.
- Patented spring arm button design on motor head, good operating feeling.
- Thinnest motor head design, minimize light transmission gap.
- Patented silent motor design, running noise.
- 3 speeds adjustable.
- Stall Protection.
- Easily set up/down limit, and favorite position.

## CERTIFICATIONS



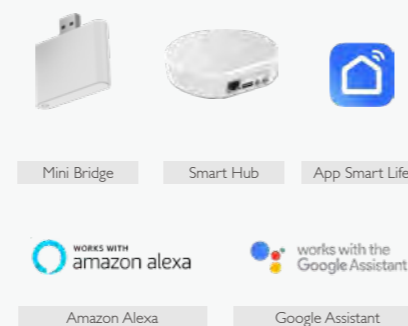
## APPLICATION



## CONTROL SOLUTIONS

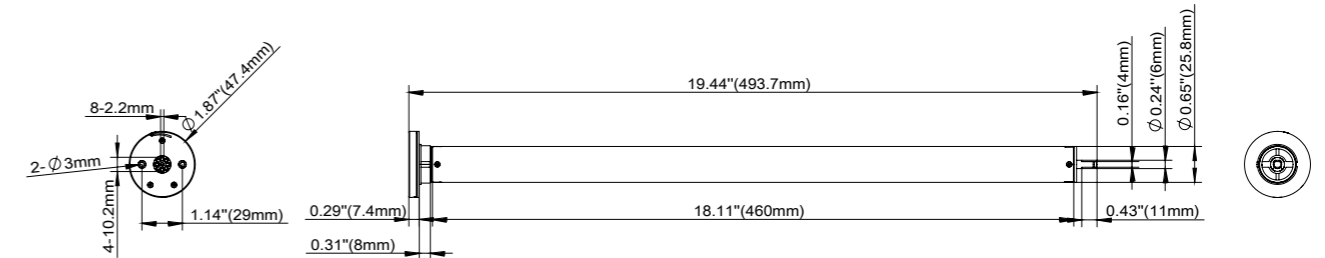


## SMART SOLUTIONS



# DC Low Voltage Motors-TE

25mm AC100~240 Powered



## TECHNICAL SPECS

Type	JCD25STE-I130	JCD25PTE-2020
Rated Torque	1.1	2.0
Rated Speed	20/25/30	20/24/28
Power Supply	AC100~240	
Rated Power	12	18
Rated Current	0.12	0.18
Maximum Shade Size *	84"×84"   2.1m*2.1m	84"×160"   2.1m*4.1m
Weight Capacity **	9 lb   4 kg	19 lb   9 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

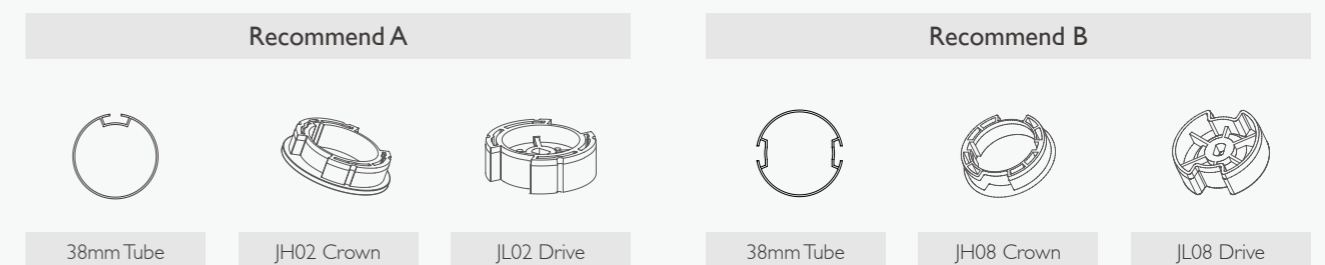
\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.  
 \*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## POWER SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**32dBA** Radio Frequency: 433.92MHz  
**IP20** Protection Class: IP20

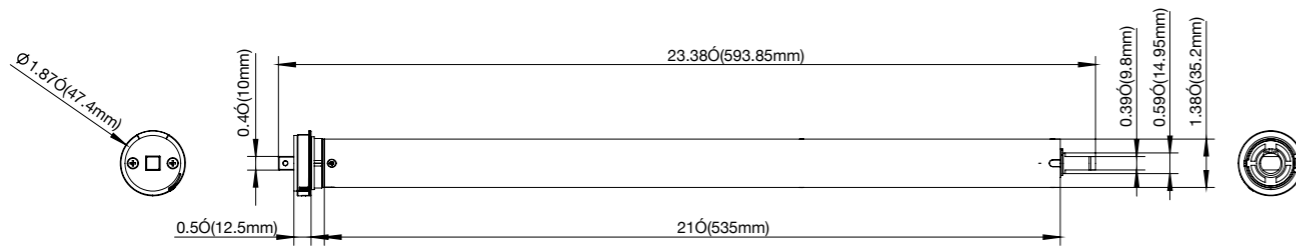
## RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.

# DC Low Voltage Motors-TE

**35mm** AC100~240 Powered



## TECHNICAL SPECS

Type	JCD35STE-3024	JCD35STE-6017	JCD35STE-10010
Rated Torque	3.0	6.0	10.0
Rated Speed	20/24/28	12/15/17	10/13/15
Power Supply	AC100-240V		AC220V
Rated Power	30	40	50
Rated Current	2.5	3.3	4
Maximum Shade Size *	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m	84"×160"   2.1m*4.1m
Weight Capacity **	22 lb   10 kg	44 lb   20 kg	66 lb   30 kg
Smart Control	Mini Bridge/Hub   Plug-in Bluetooth or Zigbee		

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## POWER SOLUTION



AC100 ~ 240

32dBA Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**433** Radio Frequency:433.92MHz  
**IP44** Protection Class:IP44

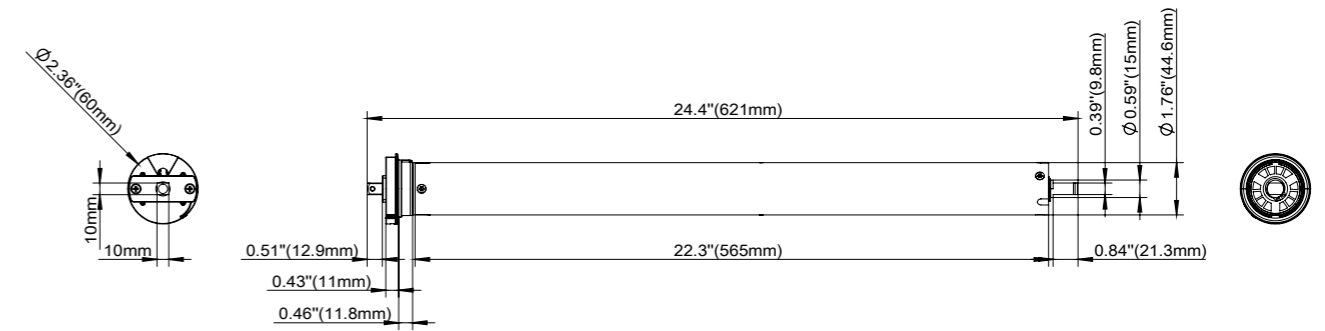
## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
47mm Tube	JH13 Crown	JL11 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# DC Low Voltage Motors-TE

**45mm** AC100~240 Powered



## TECHNICAL SPECS

Type	JCD45STE-10020	JCD45STE-20020
Rated Torque	10	20
Rated Speed	14/17/20	17/20/25
Power Supply	AC100~240	
Rated Power	72	110
Rated Current	0.72	1.1
Maximum Shade Size *	84"×84"   2.1m*2.1m	84"×160"   2.1m*4.1m
Weight Capacity **	44 lb   20 kg	99 lb   45 kg
Smart Control	Mini Bridge/Hub   Plug-in Wi-Fi or Zigbee	

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

## POWER SOLUTION



AC100 ~ 240

32dBA Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**433** Radio Frequency:433.92MHz  
**IP44** Protection Class:IP44

## RECOMMENDED ACCESSORIES\*

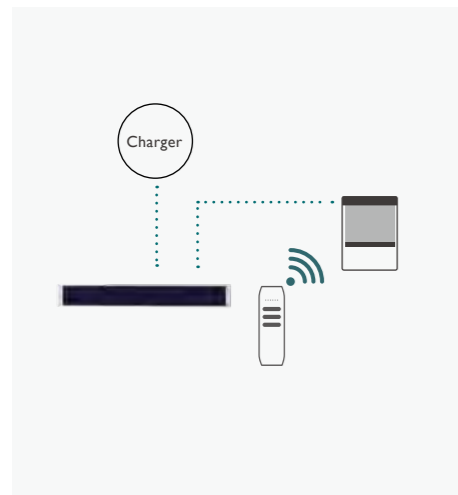
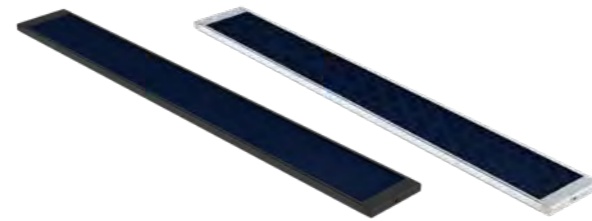
Recommend A			Recommend B		
55mm Tube	JH14 Crown	JL13 Drive	60mm Tube	JH03 Crown	JL03 Drive

\* Please refer to "Accessories" for more information.

# Solar Panel

## External

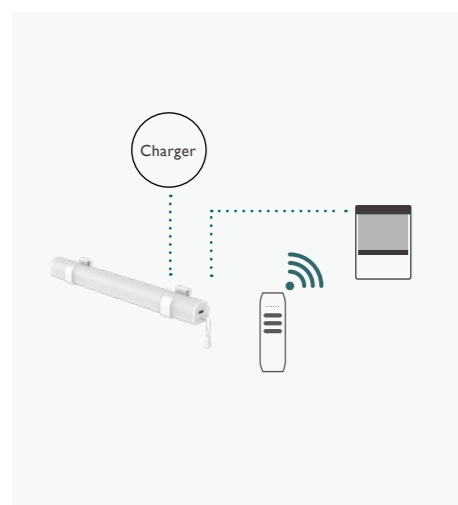
Energy-Saving · Eco-Friendly · Sustainable  
Collect Sunshine, And Illuminate Your Future



Material	The panel adopts high conversion efficiency monocrystalline silicon wafer, and the converts efficiency will reach as high as 20%.The shell is covered by aluminum alloy#6063
Size	495*60mm
Power	4.2W
Output Voltage	6.4V
Working Temperature	0°C ~+50°C
Service Life	5 years
Panel Surface Material	Matte PET

# External Battery

## 12V Rechargeable Battery Wand



Code	JCD-ER-LB
Length	266mm
Wand Color	White
Battery Capacity	2500mAh with 3pcs rechargeable lithium batteries
Battery life times	For motor with 1.1N.m: fully charged batteries with 75% rated load, height 2m; one cycle is counted for both up and down runs; 400 cycles
Charging Port	5V/2A Type C USB Charger
Output	12V

# Power Distributor

## DC 24V

16pcs restorable fuse, normally the customer do not need to replace it in whole lifetime



Regular holes on front cover ensure good heat dispersion

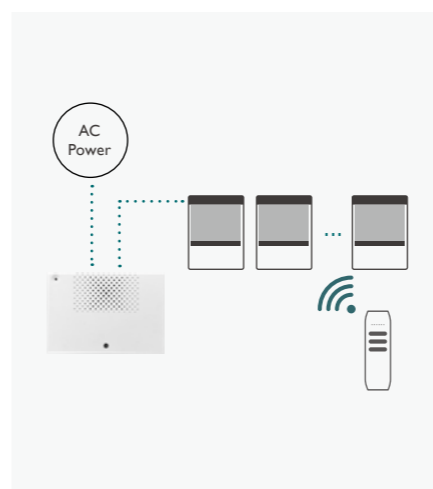
A single color LED shows the power status

Full power AC-DC switch power resource; with FCC/CE/UL certification; 110~240V input and 24V DC output support long distance power cord

16pcs restorable fuse, compare to normal glass tube fuse, it is restorable, normally the customer do not need to replace it in whole lifetime

3 Pin AC power socket(it is not assembled on this sample)

3 rubber cover allow the DC power cord line out



Size	315*220*55mm
Weight	3.2Kgs
Input	100~120 V 60Hz/ 200~240V 50Hz
Output Power	350 Watt, 24V DC
Distributor	16
Single circuit Max Power	48 Watt
Peak Loading	1.5x @200ms
Certification	UL/CE/FCC/KC





# AC Powered Motors-S

## Mechanical Limit



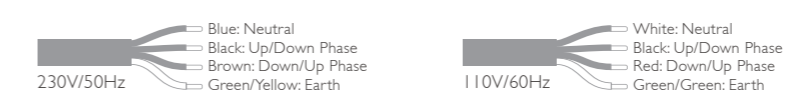
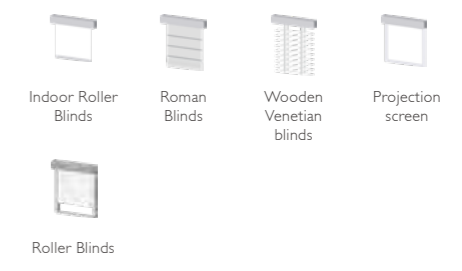
### FEATURES

- 110V/230V AC power supply.
- Standard mechanical limit, intuitive adjustment of upper and lower limit position.
- Various torque for widely applicate.
- Helical gear design for lower noise, operating noise.
- Energy efficient.
- Thinnest motor head design, minimize light transmission gap.
- Easily set up/down limit.
- Overheating protection function.
- Jog mode(tilt for venetian).

### CERTIFICATIONS



### APPLICATION



# AC Tubular motor

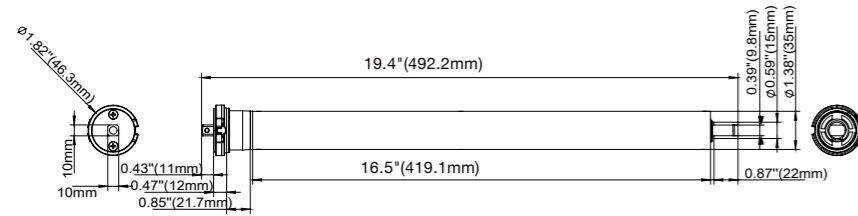
Mechanical Limit	83
RF & Mechanical Limit	86
RF & Electronic Limit & Smart Control	89
Hand Crank	92

### CONTROL SOLUTIONS



# AC Powered Motors-S

## 35mm Mechanical Limit



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**37dBA**  
**IP44** Protection Class: IP44  
**38 Turns** Max Number of Turns: 38  
**4mins** Thermal Protection: 4mins

### TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA35SS-4028-S	4.0	28	AC230 50Hz	126	0.55	15.5"   394.8mm	26 lb   12 kg
JCA35SS-6028-S	6.0	28	AC230 50Hz	146	0.64	15.5"   394.8mm	38 lb   17 kg
JCA35SS-8017-S	8.0	17	AC230 50Hz	126	0.55	15.5"   394.8mm	50 lb   25 kg
JCA35SS-10017-S	10.0	17	AC230 50Hz	146	0.64	15.5"   394.8mm	65 lb   30 kg
JCA35SS-4028	4.0	28	AC230 50Hz	126	0.55	19.4"   493mm	26 lb   12 kg
JCA35SS-6028	6.0	28	AC230 50Hz	146	0.64	19.4"   493mm	38 lb   17 kg
JCA35SS-8017	8.0	17	AC230 50Hz	126	0.55	19.4"   493mm	50 lb   25 kg
JCA35SS-10017	10.0	17	AC230 50Hz	146	0.64	19.4"   493mm	65 lb   30 kg
JCA35SS-13014	13.0	14	AC230 50Hz	146	0.64	19.4"   493mm	80 lb   37 kg
JCA35SSL-6033	6.0	33	AC110 60Hz	175	1.5	19.4"   493mm	38 lb   17 kg
JCA35SSL-10021	10.0	21	AC110 60Hz	175	1.5	19.4"   493mm	65 lb   30 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

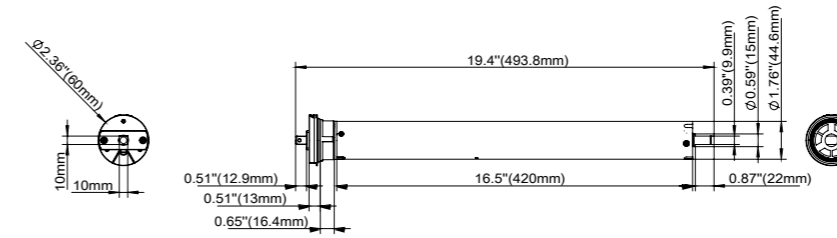
### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
40mm Tube	JH20 Crown	JL20 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# AC Powered Motors-S

## 45mm Mechanical Limit



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**43dBA**  
**IP44** Protection Class: IP44  
**23 Turns** Max Number of Turns: 23  
**4mins** Thermal Protection: 4mins

### TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA45SS-10015-S	10.0	15	AC230 50Hz	151	0.66	14.2"   360.4mm	60 lb   28 kg
JCA45SS-10015	10.0	15	AC230 50Hz	151	0.66	19.0"   484mm	60 lb   28 kg
JCA45SS-10017	10.0	17	AC230 50Hz	160	0.7	19.0"   484mm	60 lb   28 kg
JCA45SS-20015	20.0	15	AC230 50Hz	166	0.74	19.4"   494mm	100 lb   45 kg
JCA45SS-20017	20.0	17	AC230 50Hz	168	0.76	19.4"   494mm	100 lb   45 kg
JCA45SS-20026	20.0	26	AC230 50Hz	225	0.98	19.4"   494mm	100 lb   45 kg
JCA45SS-30015	30.0	15	AC230 50Hz	188	0.88	20.6"   524mm	140 lb   65 kg
JCA45SS-40015	40.0	15	AC230 50Hz	225	0.98	21.0"   534mm	200 lb   90 kg
JCA45SS-50012	50.0	12	AC230 50Hz	225	0.98	21.0"   534mm	260 lb   120 kg
JCA45SSL-20017	20.0	17	AC110 60Hz	182	1.54	19.4"   494mm	100 lb   45 kg
JCA45SSL-20033	20.0	33	AC110 60Hz	240	2.42	20.6"   524mm	100 lb   45 kg
JCA45SSL-30017	30.0	17	AC110 60Hz	240	2.42	21.0"   534mm	140 lb   65 kg
JCA45SSL-40013	40.0	13	AC110 60Hz	235	2.65	21.0"   534mm	200 lb   90 kg
JCA45SSL-50013	50.0	13	AC110 60Hz	240	2.42	21.0"   534mm	260 lb   120 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

### RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
55mm Tube	JH14 Crown	JL13 Drive	60mm Tube	JH03 Crown	JL03 Drive

\* Please refer to "Accessories" for more information.

# AC Powered Motors-R

## RF & Mechanical Limit



### FEATURES

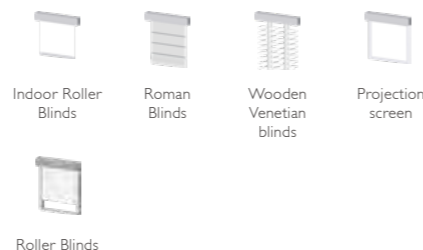
- 110V/230V AC power supply.
- Standard mechanical limit, intuitive adjustment of upper and lower limit position.
- Built-in RF receiver; maximum remote control distance up to 100 meters
- Various torque for widely applicate.
- Helical gear design for lower noise, operating noise.
- Energy efficient.
- Thinnest motor head design, minimize light transmission gap.
- Easily set up/down limit.
- Overheating protection function.
- Jog mode(tilt for venetian).



### CERTIFICATIONS



### APPLICATION



### CONTROL SOLUTIONS



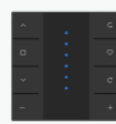
W1 Series



W3 Series



W2 Series

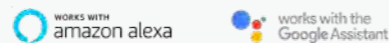


W5 Series

### SMART SOLUTIONS



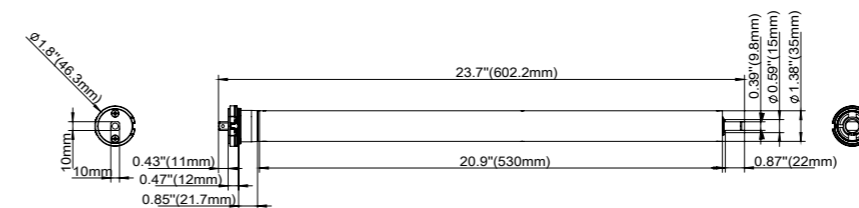
Mini Bridge Smart Hub App Smart Life



Amazon Alexa Google Assistant

# AC Powered Motors-R

## 35mm RF & Mechanical Limit



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

37dBA

433 Radio Frequency:433.92MHz

IP44 Protection Class:IP44

38Turns Max Number of Turns: 38

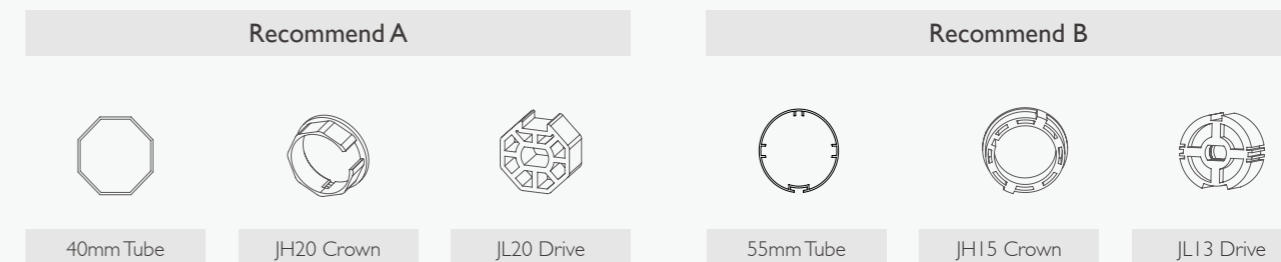
4mins Thermal Protection: 4min

### TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA35SR-4028	4.0	28	AC230 50Hz	126	0.55	23.7"   603mm	26 lb   12 kg
JCA35SR-6028	6.0	28	AC230 50Hz	146	0.64	23.7"   603mm	38 lb   17 kg
JCA35SR-8017	8.0	17	AC230 50Hz	126	0.55	23.7"   603mm	50 lb   25 kg
JCA35SR-10017	10.0	17	AC230 50Hz	146	0.64	23.7"   603mm	65 lb   30 kg
JCA35SR-13014	13.0	14	AC230 50Hz	146	0.64	23.7"   603mm	80 lb   37 kg
JCA35SRL-6033	6.0	33	AC110 60Hz	175	1.5	23.7"   603mm	38 lb   17 kg
JCA35SRL-10021	10.0	21	AC110 60Hz	175	1.5	23.7"   603mm	65 lb   30 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

### RECOMMENDED ACCESSORIES\*

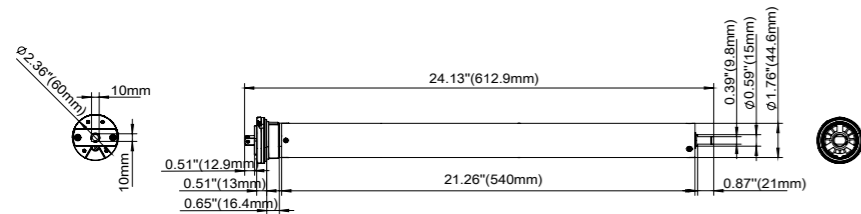


\* Please refer to "Accessories" for more information.



# AC Powered Motors-R

45mm RF & Mechanical Limit



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**43dB**  
**433** Radio Frequency: 433.92MHz  
**IP44** Protection Class: IP44  
**23** Turns Max Number of Turns: 23  
**4mins** Thermal Protection: 4mins

## TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA45SR-10015	10.0	15	AC230 50Hz	151	0.66	24.2"   614mm	60 lb   28 kg
JCA45SR-10017	10.0	17	AC230 50Hz	160	0.7	24.2"   614mm	60 lb   28 kg
JCA45SR-20015	20.0	15	AC230 50Hz	166	0.74	24.2"   614mm	100 lb   45 kg
JCA45SR-20017	20.0	17	AC230 50Hz	168	0.76	24.2"   614mm	100 lb   45 kg
JCA45SR-20026	20.0	26	AC230 50Hz	225	0.98	25.0"   634mm	100 lb   45 kg
JCA45SR-30015	30.0	15	AC230 50Hz	188	0.88	25.0"   634mm	140 lb   65 kg
JCA45SR-40015	40.0	15	AC230 50Hz	225	0.98	25.7"   654mm	200 lb   90 kg
JCA45SR-50012	50.0	12	AC230 50Hz	225	0.98	25.7"   654mm	260 lb   120 kg
JCA45SRL-20017	20.0	17	AC110 60Hz	182	1.54	24.2"   614mm	100 lb   45 kg
JCA45SRL-20033	20.0	33	AC110 60Hz	240	2.42	25.0"   634mm	100 lb   45 kg
JCA45SRL-30017	30.0	17	AC110 60Hz	240	2.42	25.7"   654mm	140 lb   65 kg
JCA45SRL-40013	40.0	13	AC110 60Hz	235	2.65	25.7"   654mm	200 lb   90 kg
JCA45SRL-50013	50.0	13	AC110 60Hz	240	2.42	25.7"   654mm	260 lb   120 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

## RECOMMENDED ACCESSORIES\*

**Recommend A**

55mm Tube | JH14 Crown | JL13 Drive

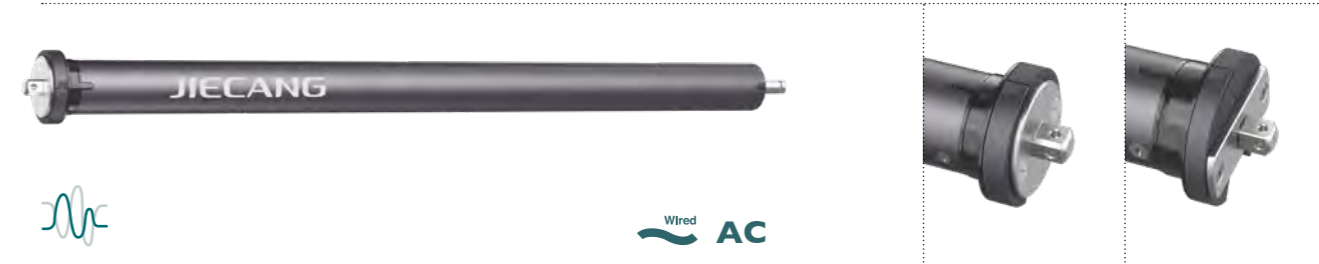
**Recommend B**

60mm Tube | JH03 Crown | JL03 Drive

\* Please refer to "Accessories" for more information.

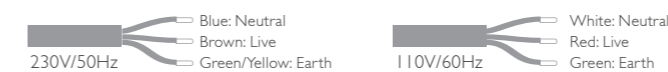
# AC Powered Motors-E

RF & Electronic Limit & Smart Control



## FEATURES

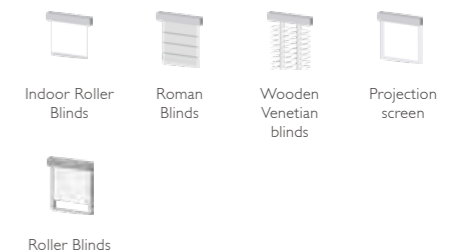
- 110V/230V AC power supply
- Built-in RF receiver; maximum remote control distance up to 100 meters
- Hall scan to achieve accurate electronic limit
- Built-in WiFi or Zigbee optional, App and smart speaker voice control
- Helical gear design for lower noise, operating noise.
- Energy efficient
- Thinnest motor head design, minimize light transmission gap
- Easily set up/down limit, and favorite position
- Overheating protection function
- Jog mode (tilt for venetian)



## CERTIFICATIONS



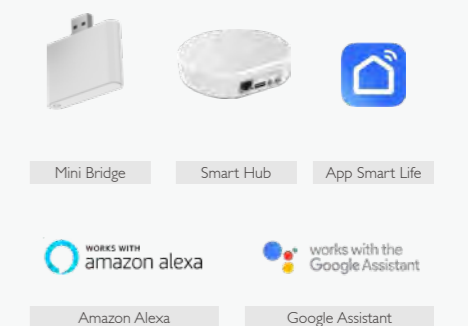
## APPLICATION



## CONTROL SOLUTIONS

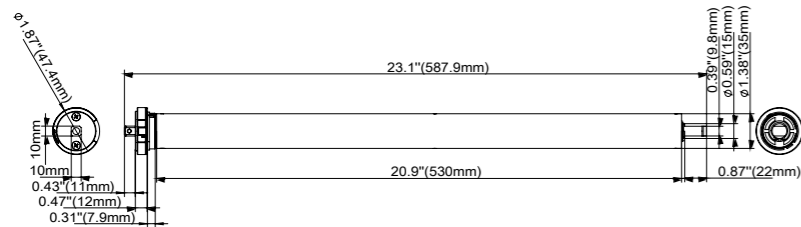


## SMART SOLUTIONS



# AC Powered Motors-E

**35mm** RF & Electronic Limit & Smart Control



37dBA  
 Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**433** Radio Frequency: 433.92MHz  
**IP44** Protection Class: IP44  
 ∞ Max Number of Turns: ∞  
**4mins** Thermal Protection: 4mins

## TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA35SE-4028	4.0	28	AC230 50Hz	126	0.55	23.2"   589mm	26 lb   12 kg
JCA35SE-6028	6.0	28	AC230 50Hz	146	0.64	23.2"   589mm	38 lb   17 kg
JCA35SE-8017	8.0	17	AC230 50Hz	126	0.55	23.2"   589mm	50 lb   25 kg
JCA35SE-10017	10.0	17	AC230 50Hz	146	0.64	23.2"   589mm	65 lb   30 kg
JCA35SE-13014	13.0	14	AC230 50Hz	146	0.64	23.2"   589mm	80 lb   37 kg
JCA35SEL-6033	6.0	33	AC110 60Hz	175	1.5	23.2"   589mm	38 lb   17 kg
JCA35SEL-10021	10.0	21	AC110 60Hz	175	1.5	23.2"   589mm	65 lb   30 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

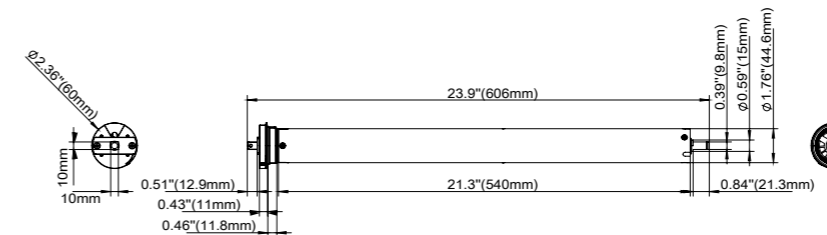
## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
40mm Tube	JH20 Crown	JL20 Drive	55mm Tube	JH15 Crown	JL13 Drive

\* Please refer to "Accessories" for more information.

# AC Powered Motors-E

**45mm** RF & Electronic Limit & Smart Control



43dBA  
 Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**433** Radio Frequency: 433.92MHz  
**IP44** Protection Class: IP44  
 ∞ Max Number of Turns: ∞  
**4mins** Thermal Protection: 4mins

## TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA45SE-10015	10.0	15	AC230 50Hz	151	0.66	23.8"   606mm	60 lb   28 kg
JCA45SE-10017	10.0	17	AC230 50Hz	160	0.7	23.8"   606mm	60 lb   28 kg
JCA45SE-20015	20.0	15	AC230 50Hz	166	0.74	23.8"   606mm	100 lb   45 kg
JCA45SE-20017	20.0	17	AC230 50Hz	168	0.76	23.8"   606mm	100 lb   45 kg
JCA45SE-20026	20.0	26	AC230 50Hz	225	0.98	24.6"   626mm	100 lb   45 kg
JCA45SE-30015	30.0	15	AC230 50Hz	188	0.88	24.6"   626mm	140 lb   65 kg
JCA45SE-40015	40.0	15	AC230 50Hz	225	0.98	25.4"   646mm	200 lb   90 kg
JCA45SE-50012	50.0	12	AC230 50Hz	225	0.98	25.4"   646mm	260 lb   120 kg
JCA45SEL-20017	20.0	17	AC110 60Hz	182	1.54	23.8"   606mm	100 lb   45 kg
JCA45SEL-20033	20.0	33	AC110 60Hz	240	2.42	24.6"   626mm	100 lb   45 kg
JCA45SEL-30017	30.0	17	AC110 60Hz	240	2.42	25.7"   654mm	140 lb   65 kg
JCA45SEL-40013	40.0	13	AC110 60Hz	235	2.65	25.4"   646mm	200 lb   90 kg
JCA45SEL-50013	50.0	13	AC110 60Hz	240	2.42	25.4"   646mm	260 lb   120 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

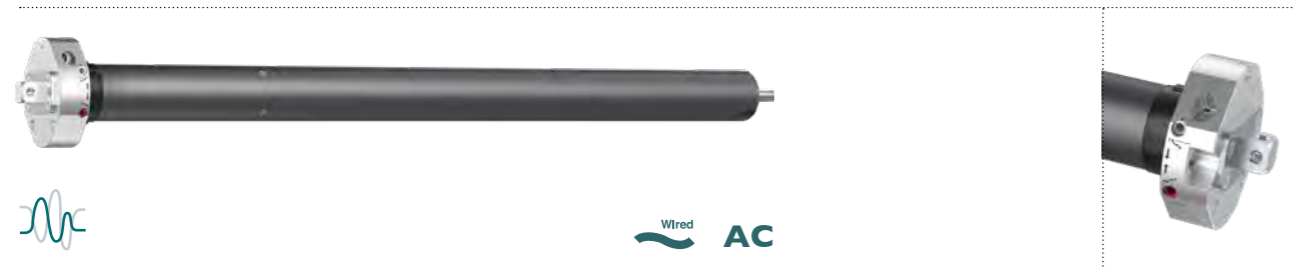
## RECOMMENDED ACCESSORIES\*

Recommend A			Recommend B		
55mm Tube	JH14 Crown	JL13 Drive	60mm Tube	JH03 Crown	JL03 Drive

\* Please refer to "Accessories" for more information.

# AC Powered Motors-M

## Hand Crank



### FEATURES

- 110V/230V AC power supply.
- Standard mechanical limit, intuitive adjustment of upper and lower limit position.
- Various torque for widely applicate.
- Easily set up/down limit.
- Overheating protection function.
- Jog mode(tilt for venetian).
- Can be operated manually without power supply



### CERTIFICATIONS



### APPLICATION

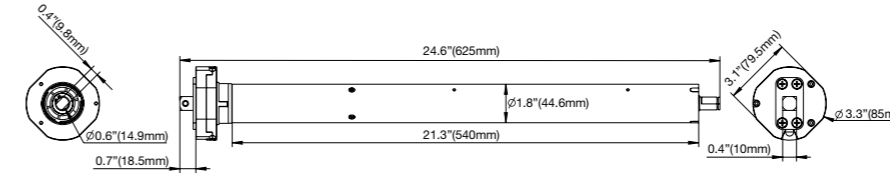


### CONTROL SOLUTIONS



# AC Powered Motors-M

## 45mm Hand Crank



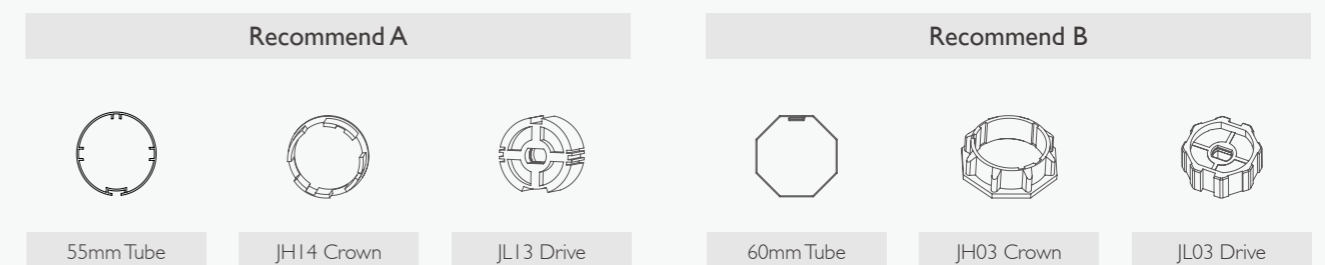
Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**43dBA**  
**IP44** Protection Class:IP44  
**23Turns** Max Number of Turns: 23  
**4mins** Thermal Protection: 4mins

### TECHNICAL SPECS

Type	Rated Torque	Rated Speed	Power Supply	Rated Power	Rated Current	Length	Weight Capacity*
JCA45SM-10015	10.0	15	AC230 50Hz	151	0.66	23.0"   585mm	60 lb   28 kg
JCA45SM-10017	10.0	17	AC230 50Hz	160	0.7	23.0"   585mm	60 lb   28 kg
JCA45SM-20015	20.0	15	AC230 50Hz	166	0.74	24.6"   625mm	100 lb   45 kg
JCA45SM-20017	20.0	17	AC230 50Hz	168	0.76	23.0"   585mm	100 lb   45 kg
JCA45SM-20026	20.0	26	AC230 50Hz	225	0.98	24.6"   625mm	100 lb   45 kg
JCA45SM-30015	30.0	15	AC230 50Hz	188	0.88	24.6"   625mm	140 lb   65 kg
JCA45SM-40015	40.0	15	AC230 50Hz	225	0.98	24.6"   625mm	200 lb   90 kg
JCA45SM-50012	50.0	12	AC230 50Hz	225	0.98	24.6"   625mm	260 lb   120 kg
JCA45SML-20017	20.0	17	AC110 60Hz	182	1.54	24.6"   625mm	100 lb   45 kg
JCA45SML-20033	20.0	33	AC110 60Hz	240	2.42	24.6"   625mm	100 lb   45 kg
JCA45SML-30017	30.0	17	AC110 60Hz	240	2.42	24.6"   625mm	140 lb   65 kg
JCA45SML-40013	40.0	13	AC110 60Hz	235	2.65	24.6"   625mm	200 lb   90 kg
JCA45SML-50013	50.0	13	AC110 60Hz	240	2.42	24.6"   625mm	260 lb   120 kg

\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary.

### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.





# Venetian Blind Motors

TDBU Motor	95
Aluminum Venetian Blind Motors	97
Tilt Motors	99
Wooden Venetian Blind Motors	101

## One-click switch

Now many people will choose to install the Day/Night honeycomb blinds in the bedroom, in order to meet the double needs of rest at night and get lighting in daytime, fit in with the daily life habits. JIECANG brings the intelligent blinds motor which is suitable for Day/Night Blinds. The motor is installed inside the blinds with no exposed rope. It can use remote controller or connect intelligent equipment, so that you do not need to spend time pulling the rope or worry about the safety of children, and you can switch modes at the touch of a button!



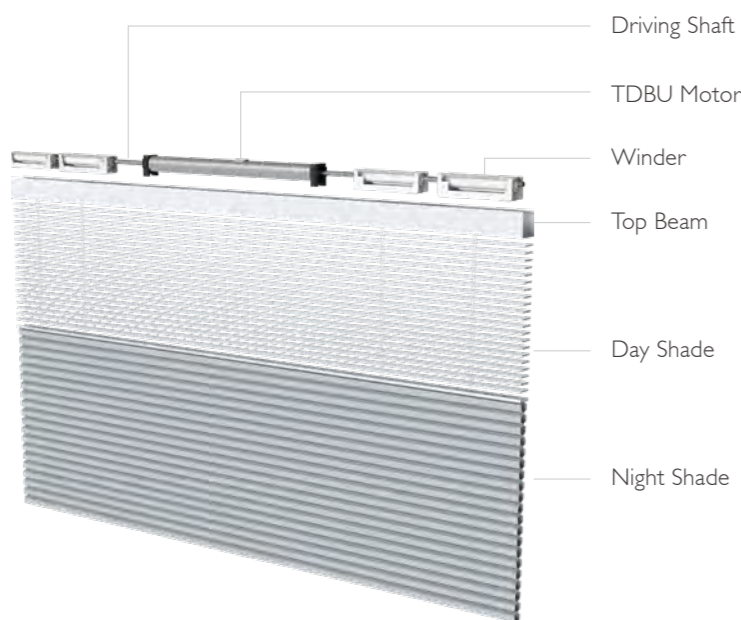


# TDBU Motor

## Dual Shaft & Smart Control



31 dBA



### CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**31 dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

### TECHNICAL SPECS

Type	JCV30SAED
Rated Torque	0.6*2
Rated Speed	20/30/40
Power Supply	Adapter 12V/3A

# Aluminum Venetian Blind Motors

## Dual Shaft & Smart Control



31 dBA



### FEATURES

- Singel or Dual-shaft output, smooth and reliable
- External WiFi or Zigbee module optional for smart phone App and smart speaker voice control
- Jog mode for tilt
- Built-in RF receiver, electronic limit
- Special planetary reduction design, larger operating torque
- Special noise reduction design, operating noise.
- Stall protection
- 3-speed adjustable
- Easy operation of upper and lower limits and best position setting
- RS485 and dry contact connection available

### CERTIFICATIONS



### APPLICATION



### CONTROL SOLUTIONS



W1 Series W3 Series W2 Series W5 Series

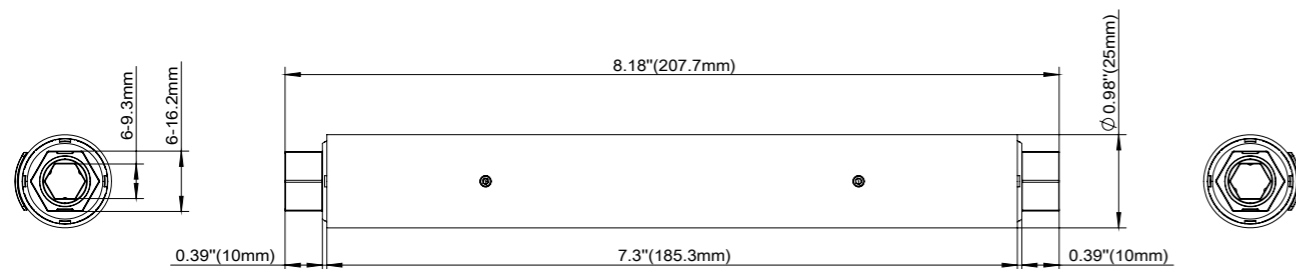
### SMART SOLUTIONS



Mini Bridge Smart Hub App Smart Life



Amazon Alexa Google Assistant



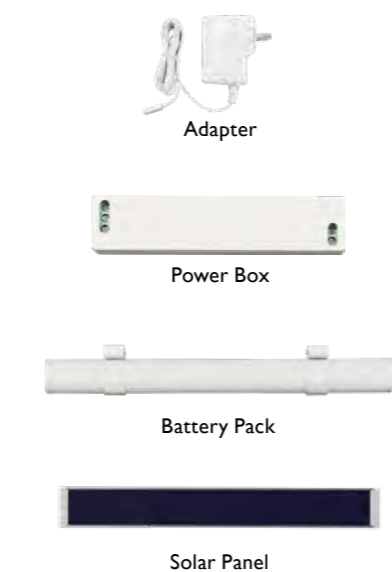
TECHNICAL SPECS

Type	JCV24SAES-0630	JCV24SAED-0830
Rated Torque	0.6	0.8
Rated Speed	20/30/40	20/30/40
Power Supply	Adapter 12V/1A	Adapter 12V/2A
Rated Power	9.6	9.6
Rated Current	0.8	0.8
Length	5.63"   143mm	8.19"   208mm
Maximum Shade Size *	70"x 118"   1.7m x 2.9m	80"x 118"   2.0m x 2.9m
Weight Capacity **	7 lb   3 kg	8.5 lb   3.8 kg
Smart Control	/	Dry contact switch & RS485 & Plug-in Wi-Fi/Zigbee

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

CHARGING SOLUTION



Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**31 dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20

Tilt Motors  
Dual Shaft



31 dBA



FEATURES

- Singel or Dual-shaft output, smooth and reliable
- External WiFi or Zigbee module optional for smart phone App and smart speaker voice control
- Jog mode for tilt
- Built-in RF receiver, electronic limit
- Special planetary reduction design, larger operating torque
- Special noise reduction design, operating noise.
- Stall protection
- 3-speed adjustable
- Easy operation of upper and lower limits and best position setting

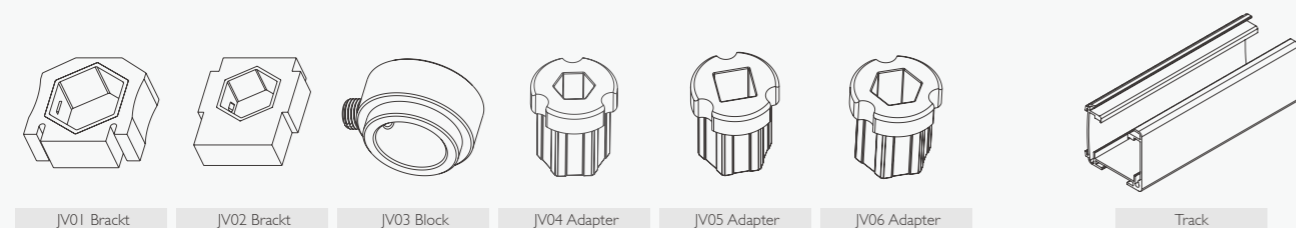
CERTIFICATIONS



APPLICATION



RECOMMENDED ACCESSORIES\*

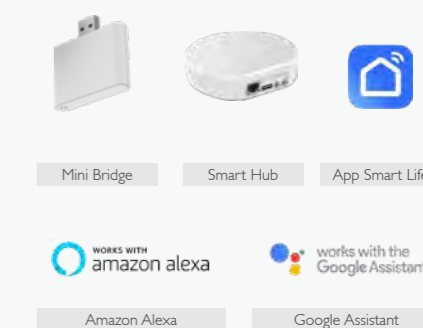


\* Please refer to "Accessories" for more information.

CONTROL SOLUTIONS



SMART SOLUTIONS

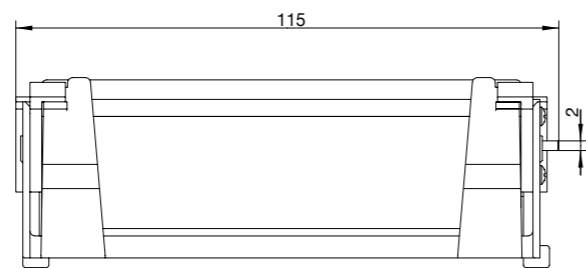
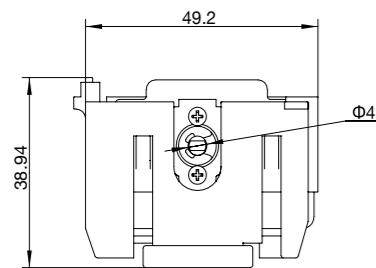






# Wooden Venetian Blind Motors

## Dual Shaft & Smart Control



### TECHNICAL SPECS

Type	JCV32SAE-03430
Rated Torque	0.34
Rated Speed	20/30/35
Power Supply	Adapter 12V/2A
Rated Power	7.2
Rated Current	0.6
Length	4.53"   115mm
Maximum Shade Size *	70"x 118"   1.7m x 2.9m
Weight Capacity **	7 lb   3 kg
Smart Control	/

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



Adapter



Power Box



Battery Pack



Solar Panel

Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

**31 dBA**

**433** Radio Frequency:433.92MHz

**IP20** Protection Class:IP20



31 dBA



### FEATURES

Being more than 20% shorter than comparable goods on the market today, the JCV40 series blinds motor is likely the shortest motor available and can be used on windows that are smaller.

While keeping high silent performance, it would enable a powerful torque of 2Nm output from a dual shaft and be applied to cloth blinds, smaller size wood blinds, or imitation wood blinds.

The JIECANG JCV40 motor uses high-performance magent components and herringbone gearboxes, and thanks to its one-piece PCB board design and ability to work with numerous smart home ecosystems, including Google Home, Amazon Alexa, Xiaomi, Tmall, and Huawei Harmony OS, it offers more stable wireless transmission performance.

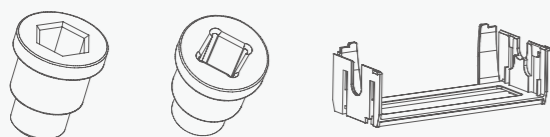
### CERTIFICATIONS



### APPLICATION



### RECOMMENDED ACCESSORIES\*



JV07 Adapter

JV08 Adapter

JV09 Bracket

\* Please refer to "Accessories" for more information.

### CONTROL SOLUTIONS



W1 Series



W3 Series



W2 Series



W5 Series

### SMART SOLUTIONS



Mini Bridge

Smart Hub

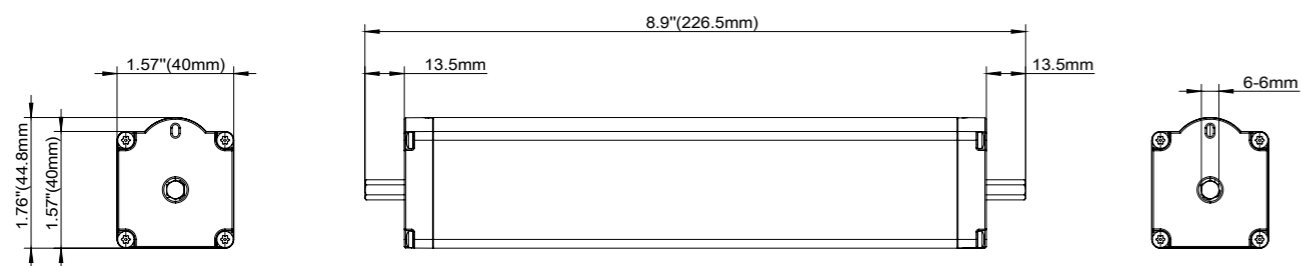
App Smart Life



Amazon Alexa



Google Assistant

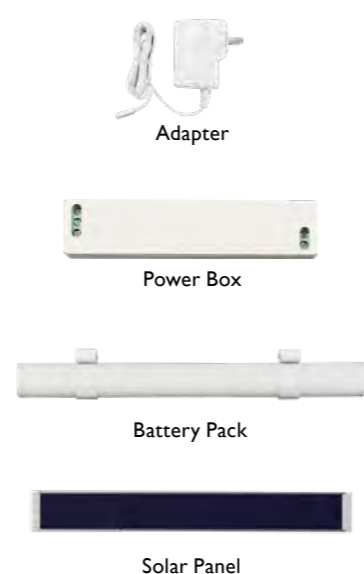


### TECHNICAL SPECS

Type	JCV40SAED-1020
Rated Torque	2*1.0
Rated Speed	20/24/28
Power Supply	Adapter 12V/2A
Rated Power	20
Rated Current	1.6
Length	8.9"   227mm
Running Time	6min
Weight Capacity *	15 lb   7 kg
Smart Control	Dry contact switch & RS485 & Built-in Wi-Fi/Zigbee

\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION

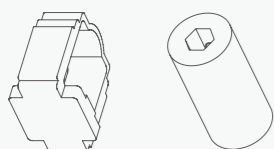


Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**31 dBA**  
**433** Radio Frequency:433.92MHz  
**IP20** Protection Class:IP20



# Drapery Motors

### RECOMMENDED ACCESSORIES\*



JVI0 Bracket    JVI1 Adapter

\* Please refer to "Accessories" for more information.

# Drapery Motors

## AC & Battery Power & Smart Control



JCC50SLEU



JCC50STE

29dBA



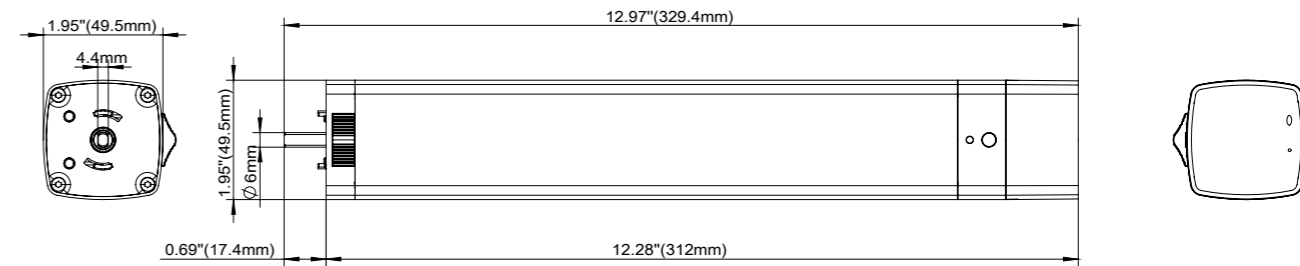
### FEATURES

- Stop/run by pulling fabric, manual operation available when power failure;
- Soft start/Soft stop;
- Auto limit setting, Preferred Stop Position;
- Special NVH design, operation noise;
- Stall Protection;
- 3-Speed adjustable;
- Built-in WiFi or Zigbee module optional for smart phone App and smart speaker voice control
- High torque motor, rate loading 50Kgs;
- 360° Hall sensor scan, accurate positioning;
- Wide voltage AC100~240 supply, or rechargeable battery supply
- RS485/Dry contact/Power switch connection available

### CERTIFICATIONS



### APPLICATION



This is the drawing of JCC50STE.  
The length of JCC50SLEU is 14.38\"/>

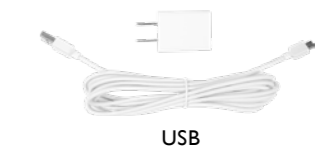
### TECHNICAL SPECS

Type	JCC50STE-1214	JCC50STE-2014	JCC50SLEU-1214
Rated Torque	1.2	2.0	1.2
Rated Speed	12/14/16	12/14/16	12/14/16
Power Supply	AC100~240	AC100~240	5V/2A USB Charger
Rated Power	24	60	24
Rated Current	0.1-0.2	0.6	1.6
Length	12.9"   327mm	12.6"   320mm	14.2"   360mm
Maximum Shade Size *	470"   12 m	708"   18 m	470"   12 m
Weight Capacity **	110 lb   50 kg	220 lb   100 kg	110 lb   50 kg
Smart Control	Dry contact switch & RS485 & Built-in Wi-Fi/Zigbee		/

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION



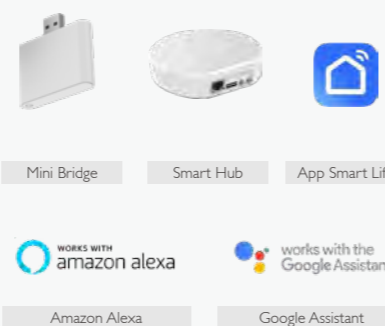
Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.  
**29dBA** Radio Frequency: 433.92MHz  
**433** Protection Class: IP44

### CONTROL SOLUTIONS

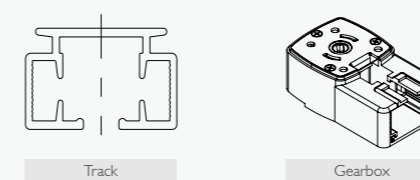


W1 Series W3 Series W2 Series W5 Series

### SMART SOLUTIONS



### RECOMMENDED ACCESSORIES\*



\* Please refer to "Accessories" for more information.



# Drapery Motors

## General purpose



31 dBA

Wired AC

### FEATURES

- Stop/run by pulling fabric, manual operation available when power failure;
- Soft start/Soft stop;
- Auto limit setting, Preferred Stop Position;
- Special NVH design, operation noise;
- Stall Protection;
- 3-Speed adjustable;
- Built-in WiFi or Zigbee module optional for smart phone App and smart speaker voice control
- High torque motor, rate loading 50Kgs;
- 360° Hall sensor scan, accurate positioning;
- Wide voltage AC100~240 supply
- RS485/Dry contact/Power switch connection available
- Suitable for most accessories on the market;
- Special design of power cord position, enhance its aesthetics

### CERTIFICATIONS



### APPLICATION



Curtain

### CONTROL SOLUTIONS



W1 Series



W3 Series



W2 Series

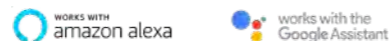


W5 Series

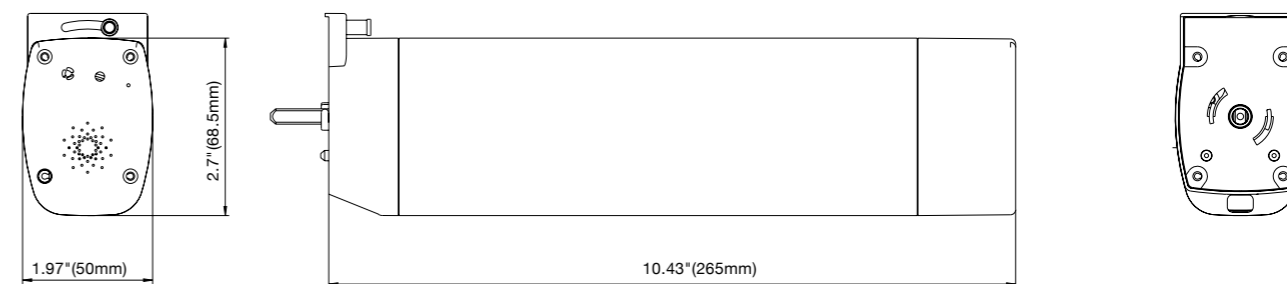
### SMART SOLUTIONS



Mini Bridge Smart Hub App Smart Life



Amazon Alexa Google Assistant



### TECHNICAL SPECS

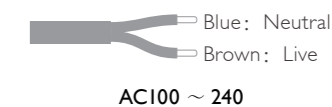
Type	JCC60STE-1214
Rated Torque	1.2
Rated Speed	12/14/16
Power Supply	AC100~240
Rated Power	24
Rated Current	0.1-0.2
Length	10.43\"/>
Maximum Shade Size *	470\"/>
Weight Capacity **	110 lb   50 kg

Smart Control Dry contact switch & RS485 & Built-in Wi-Fi/Zigbee & Offline Voice Control

\* The Maximum Shade Size measures are provided as guidelines and should only be used for evaluating your specific application.

\*\* The Weight Capacity of a motor is calculated under optimal circumstances. Actual results may vary.

### CHARGING SOLUTION

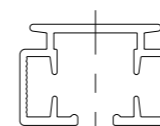


AC100 ~ 240

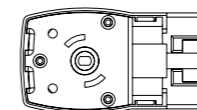
Noise levels have been measured in accordance with EN ISO 3745, expressing the sound power emitted by the source in dBA.

31 dBA Radio Frequency: 433.92MHz  
IP40 Protection Class: IP44

### RECOMMENDED ACCESSORIES\*



Track

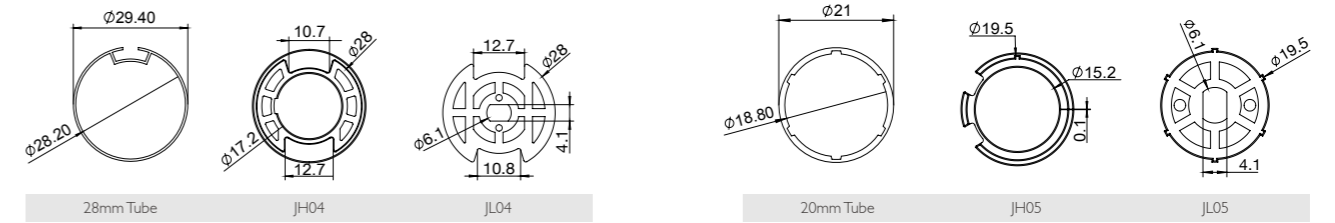


Gearbox

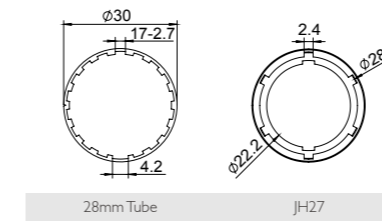
\* Please refer to "Accessories" for more information.

# Accessories

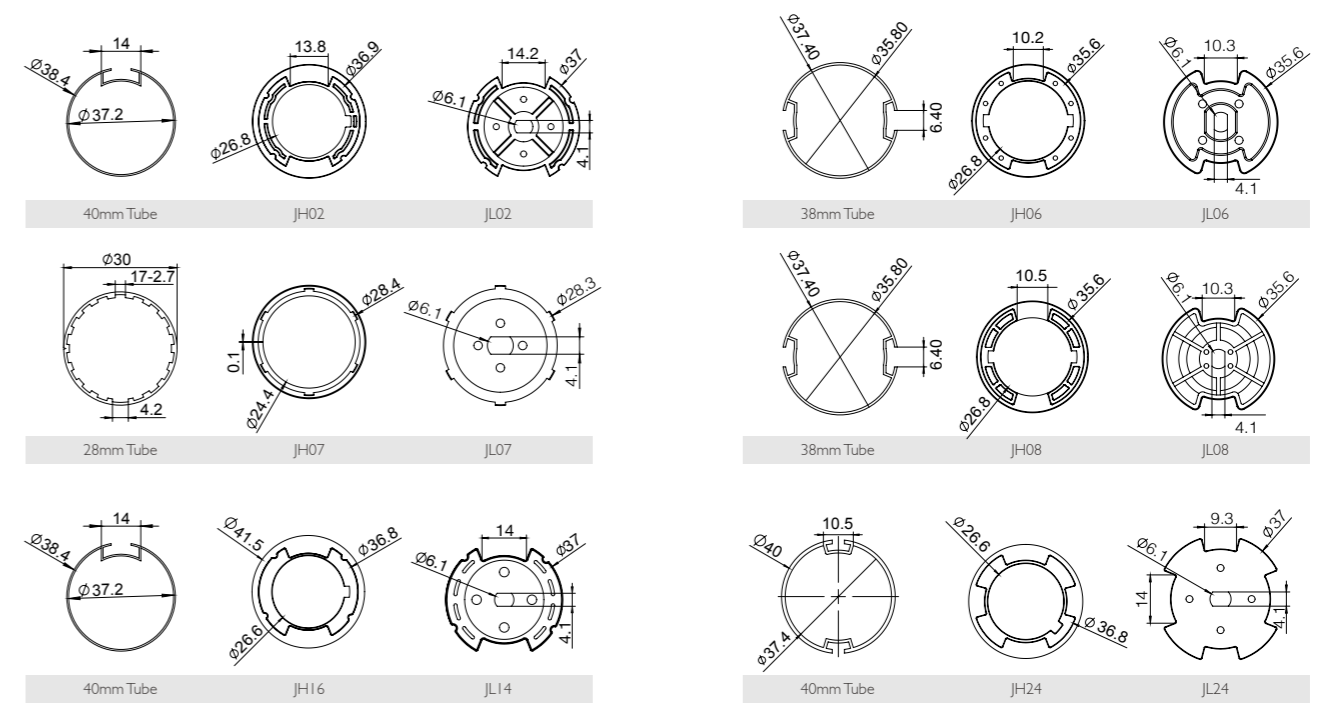
## For JCD15



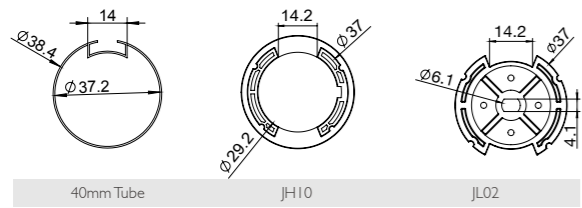
## For JCD20



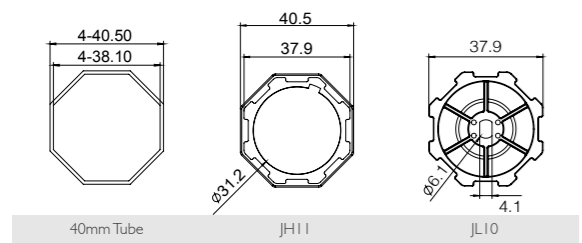
## For JCD25



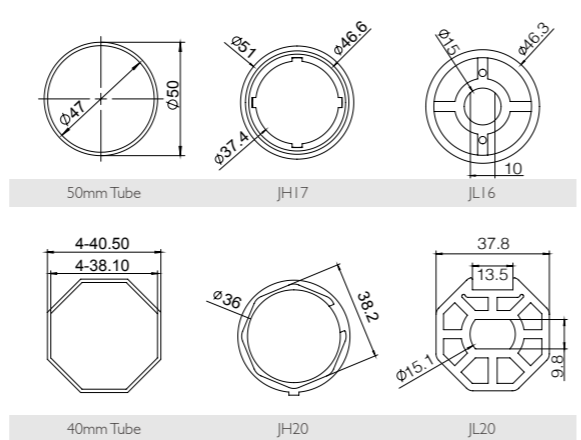
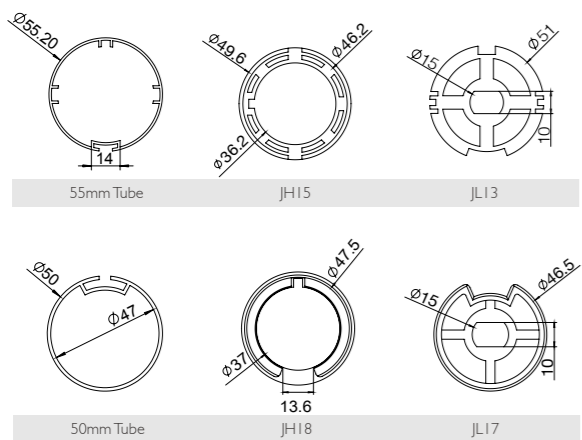
## For JCD28



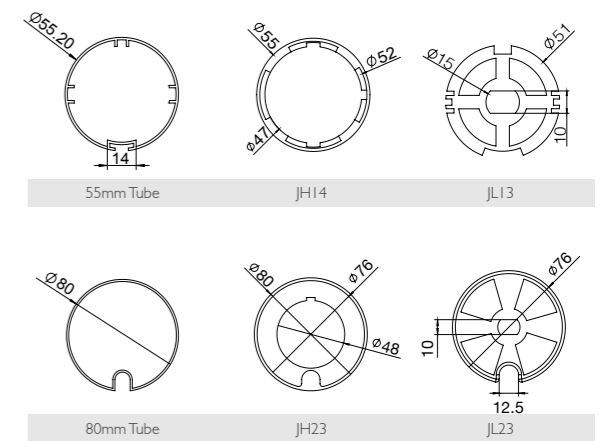
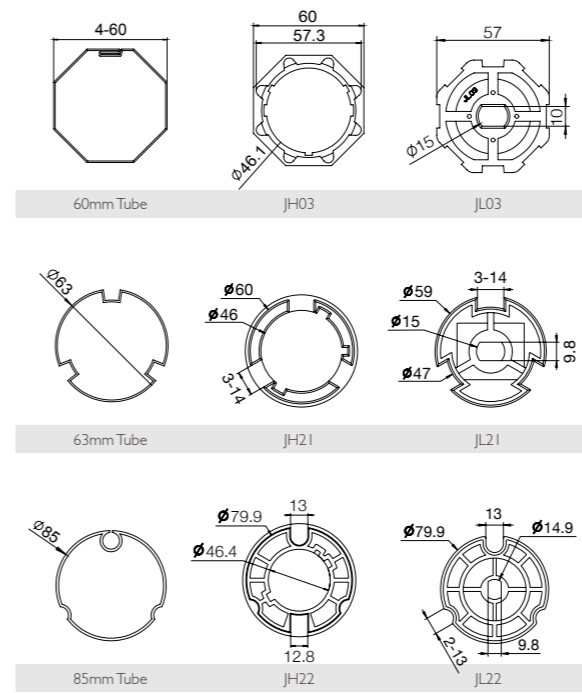
## For JCD30



## For JCA35



## For JCA45





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