

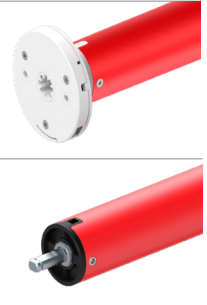


VTi® RE-LION CELTIC LOW VOLTAGE MOTOR | 2 Nm

6-800-ML-25B12 (12V DC - Bidirectional)

SERIES Ø 25

VTi® RE-LION CELTIC LOW VOLTAGE MOTOR | 2 Nm



FEATURES

- DC Low voltage motor continuously powered with three power sources, a DC transformer, an external rechargeable Battery Pack, or an electrical power distribution panel.
- Efficient, safe, and economical low voltage wiring installation. Electrician not required for installation.
- 433 MHz Bi-Directional RF Communication allows control of the position of the shades and keeps them track anytime.
- Aesthetic, slim, and functional motor head design with LED status indicator.
- Excellent acoustic performance that warranties an ultra-quiet operation of only 35dB.
- Simple electronic limits adjustment and favorite position limit can be preset.
- Recommended for Roller and Neolux dual shades up to 17Lb.
- The perfect solution for narrow shades since the motor length is just 13 1/8 in.
- Up to 3 adjustable speed options and soft start and stop function.
- Compatible with small tap hardware systems. A complete snap-in system (no tools required) that minimize the light gap.
- Retrofit capabilities to upgrade existing manual shades while keeping the same deductions and brackets.
- A variety of control solutions are available including handheld, wall switch and compatibility with leading brands of automation systems, and voice control assistant.
- Technical catalogs, programming instructions manuals, programming videos, and technical support available.

APPLICATIONS



Roller Shades



Neolux Dual Shades

SETUP



Scan to Download the Programming Instructions

CONTROL SOLUTIONS



Chic RE-LION Remote
2 | 6 Channels
Bidirectional
6-800-AT-CHB02 | 06



Point RE-LION Remote
2 | 6 Channels
Bidirectional
6-800-AT-POB02 | 06



Deco One RE-LION Wall Switch
2 | 6 Channels Bidirectional
6-800-AT-DEB02 | 06



Escalate RE-LION Remote
6 Channels Timer + Display
Bidirectional
6-800-AT-ESBT6



Escalate RE-LION Remote
16 Channels Display
Bidirectional
6-800-AT-ESB16

Bidirectional Remotes are also compatible with Unidirectional motors. Refer to programming instruction manual for details.

SMART SOLUTIONS



VTi® RE-LION SMARTHUB PLUS
6-800-HA-VTI02



VTi HomeMate+ App

CERTIFICATIONS



vertilux.com

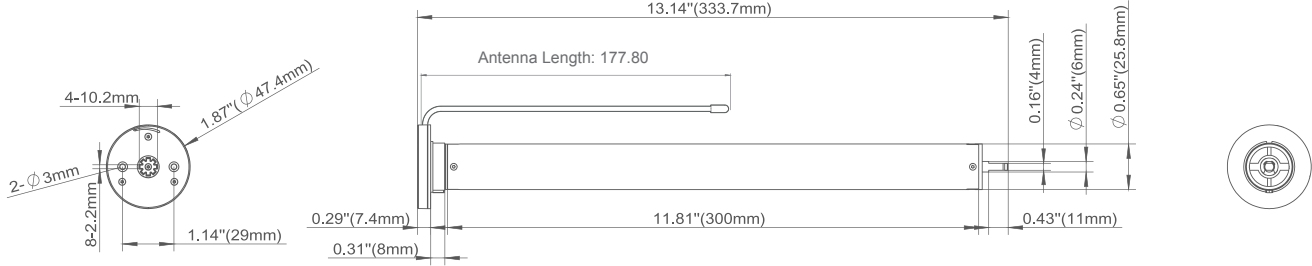
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DIMENSIONS



TECHNICAL SPECS

Torque	2 Nm	Thermal Protection	6 Minutes
Speed	20-24-28 rpm	Voltage Supply	12 V DC
Sound Level	35 dB	Radio Frequency	433.92 MHz
Limits	Electronic	Weight Capacity*	17 lb 7.7 kg
Index Protection	IP 20	Working Temp.	14 ~ 131 °F -10 ~ 55 °C
Power	18 W	RF Modulation	FSK
Current	1.6 A		

*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary. Specifications are subject to change without notice.

POWER SOLUTIONS



Transformer for Low Voltage Motor 12 V DC
6-800-MA-MLT12



External Rechargeable Battery Pack 5 V DC
6-800-MA-MLBP5



Power Distribution Panel*



Power Cord Adapters
6-700-MA-CAL01

*Available by special order.

COMPATIBLE TUBES & ADAPTERS



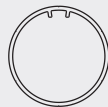
1 1/4" | 32 mm

Aluminum Tube

0-154-TU-32XXX

Crown & Drive

6-700-AS-25032



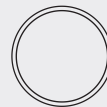
1 1/2" | 38 mm

Aluminum Tube

0-154-TU-38XXX

Crown & Drive

6-700-AS-25038



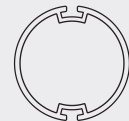
1 1/2" | 38 mm

Smooth Aluminum Tube**

0-154-TU-38420 | 21

Crown & Drive

6-700-AS-25038



1 3/4" | 45 mm

Aluminum Tube

0-154-TU-452XX

Crown & Drive

6-700-AS-25045

OTHER ACCESORIES

Hook Mount Adapter

6-700-BR-4SLAM

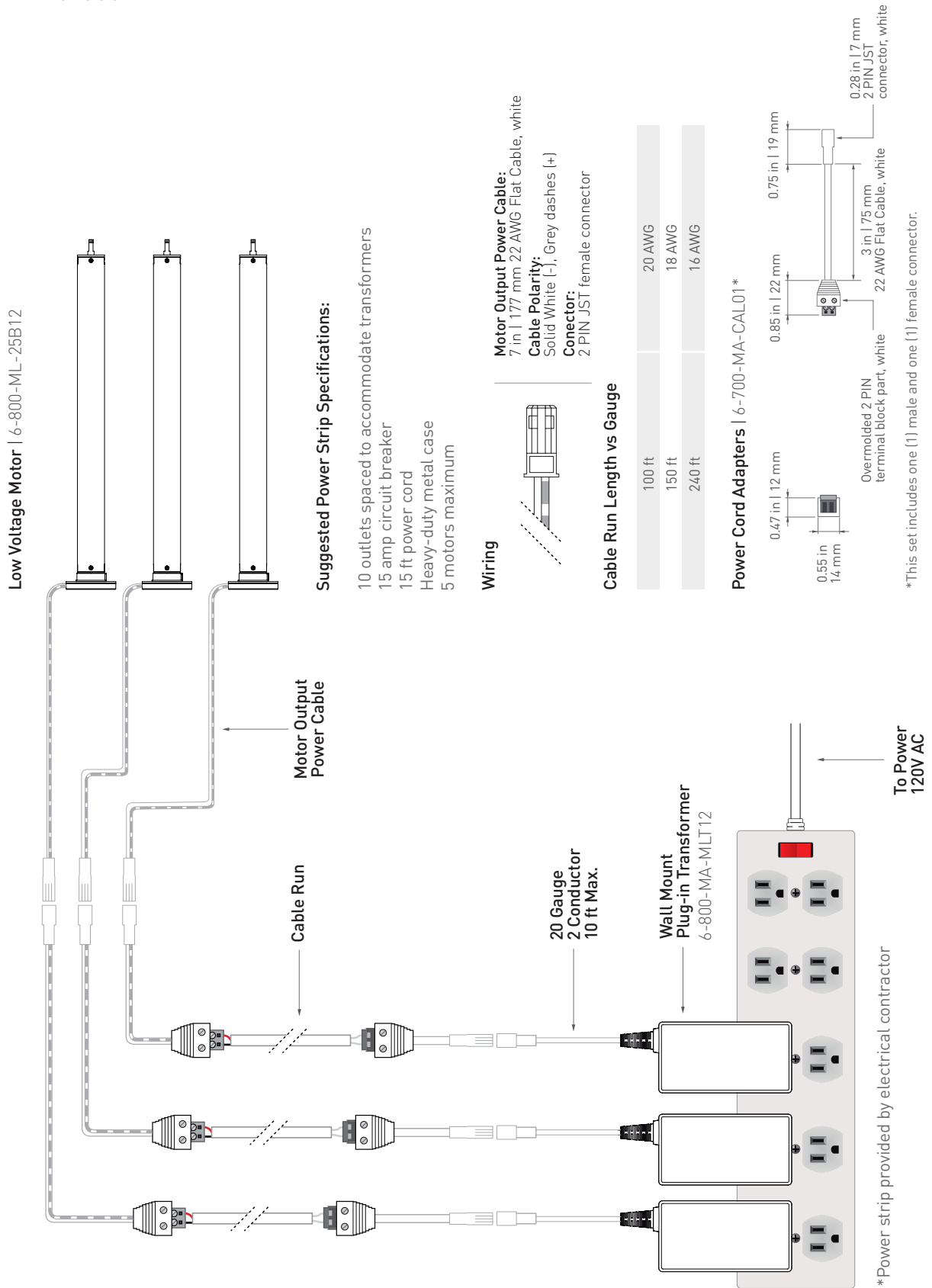
**This tube require a notch on the crown adapter or counter ring and 2 rivets on the drive in order to avoid slipping.



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POWER SOURCE OPTION A | PLUG-IN STYLE POWERED

6-800-MA-MLT12

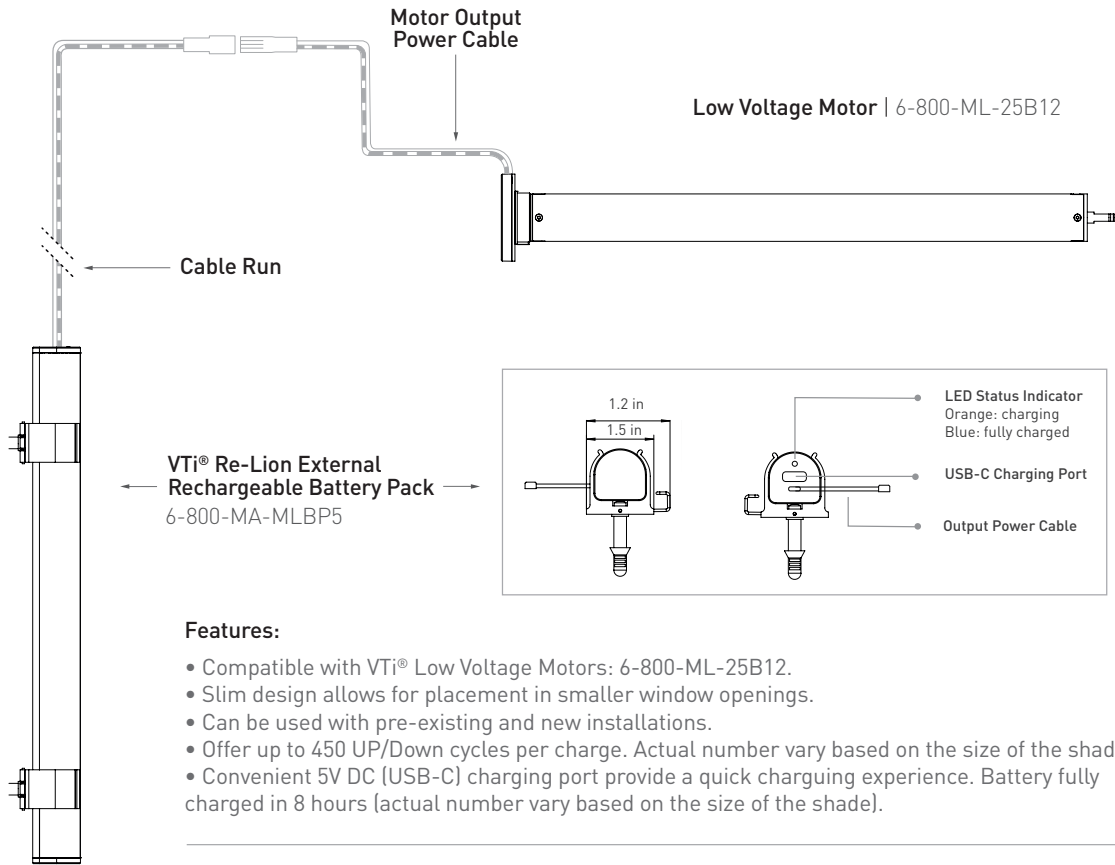




VTi® RE-LION CELTIC LOW VOLTAGE MOTOR | 2 Nm

POWER SOURCE OPTION B | EXTERNAL BATTERY PACK

6-800-MA-MLBP5



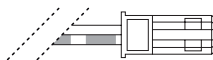
Features:

- Compatible with VTi® Low Voltage Motors: 6-800-ML-25B12.
- Slim design allows for placement in smaller window openings.
- Can be used with pre-existing and new installations.
- Offer up to 450 UP/Down cycles per charge. Actual number vary based on the size of the shade.
- Convenient 5V DC (USB-C) charging port provide a quick charging experience. Battery fully charged in 8 hours (actual number vary based on the size of the shade).

Technical Specs

Model	6-800-MA-MLBP5
Color	White
Input Voltage	5 V DC (USB-C)
Typical Voltage	10.8 V DC
Nominal Voltage	12.2 V
Rated Energy	27.75 Wh
Discharging Current	3 A Max.
Input Current	2A
Battery Size	2500 mAh
Battery Type	Rechargeable Li-ion battery
Working Temperature	32 ~ 122°F 0 ~ 50°C
Charging Time	8 hours

Wiring



Motor Output Power Cable:
7 in | 177 mm 22 AWG Flat Cable, white

Cable Polarity:
Solid White (-), Grey dashes (+)

Conector:
2 PIN JST female connector