



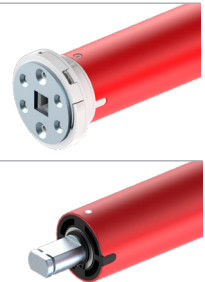
VTi® RE-LION CELTIC BATTERY MOTOR | 3 Nm

6-800-MB-35B03 (5V DC - Bidirectional)

SERIES Ø 35



AS QUIET AS
40dB
VTi® RE-LION MOTORS



*Metal plate for Vertilux motor block system is already installed in the motor head. Plastic plate for hook mount is included in the box.

FEATURES

- Wire-free motor that does not require electrical installation. Powered by an internal rechargeable lithium battery that lasts more than half a year under normal operation.
- The battery-check function allows users to get information about the motor's battery level when paired with display remotes or through automation systems.
- 433 MHz bi-directional RF communication enables shade position control and real-time tracking.
- Aesthetic, slim, and functional motor head design with LED status indicator and cutting-edge 5 V USB-C power plug technology.
- Excellent acoustic performance that ensures ultra-quiet operation at only 40 dB.
- Simple electronic limits adjustment and favorite position limit can be preset.
- Recommended for Roller and Neolux dual shades up to 24 lb.
- Up to 3 adjustable speed options (20-24-28rpm) and soft Start and Stop function.
- Compatible with Motor Block bracket systems. A complete snap-in system (no tools required) that minimizes the light gap.
- Allows retrofitting to upgrade existing manual shades while maintaining the same deductions and brackets.
- A variety of control solutions are available, including handheld remotes, wall switches, compatibility with leading automation brands, and voice control assistants.
- Technical catalogs, programming instruction manuals, programming videos, and technical support are available.

APPLICATIONS



Roller
Shades



Neolux Dual
Shades

SETUP



Scan to Download
the Programming
Instructions

CONTROL SOLUTIONS



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



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



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



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



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

SMART SOLUTIONS



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



**VTi® NEXUS
BRIDGE**
6-800-HA-VTI03



**VTi HomeMate+
App**

CERTIFICATIONS



vertilux.com

© 2025, Vertilux, Ltd. All Rights Reserved. Last revised: July 2025

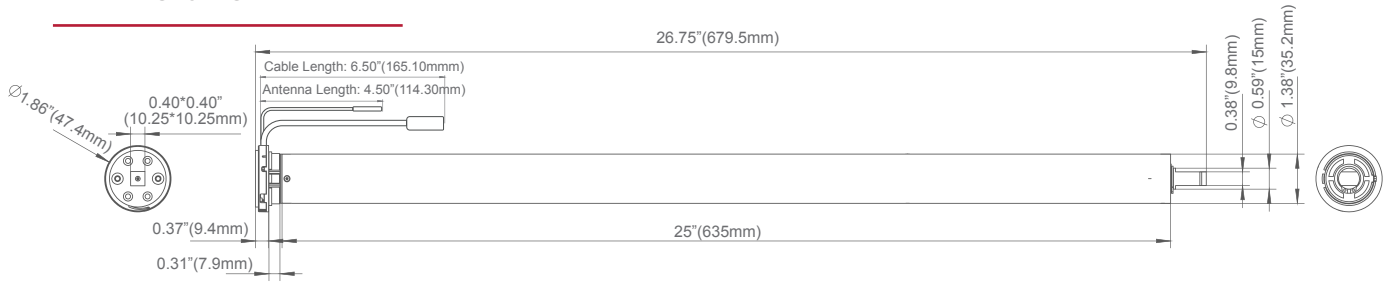
VTi® RE-LION CELTIC BATTERY MOTOR | 3 Nm



VTi® RE-LION CELTIC BATTERY MOTOR | 3 Nm

6-800-MB-35B03 (5V DC - Bidirectional)

DIMENSIONS

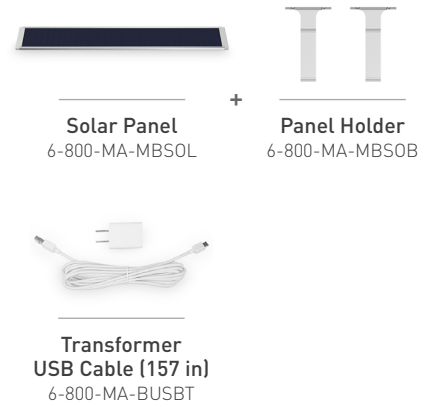


TECHNICAL SPECS

Torque	3 Nm	Thermal Protection	6 Minutes
Speed	20-24-28 rpm	Voltage Supply	5 V DC (USB-C Type)
Sound Level	40 dB	Radio Frequency	433.92 MHz
Limits	Electronic	Weight Capacity*	24 lb 10.8 kg
Index Protection	IP 20	Battery Type	Lithium-ion 4400 mAh
Power	30 W	Working Temp.	14 ~ 131 °F -10 ~ 55 °C
Current	2.5 A	RF Modulation	FSK

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

POWER SOLUTIONS



COMPATIBLE TUBES & ADAPTERS

1 1/4" 45 mm	2" 50 mm	2" 50 mm	2" 50 mm	2 1/2" 63 mm	3 1/4" 83 mm
Aluminum Tube	Smooth Aluminum Tube*	Grooved Aluminum Tube	Keyed Aluminum Tube	Structured Aluminum Tube	Structured Aluminum Tube
0-154-TU-452XX	0-154-TU-50XXX	0-154-TU-501XX	0-154-TU-5021X	0-154-TU-630XX	0-154-TU-8302X
Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive	Crown & Drive
6-700-AS-35045	6-700-AS-35050	6-800-AS-35G50	C: 6-700-AC-35K50 D: 6-700-AD-35K50	C: 6-700-AC-35063 D: 6-700-AD-45063	C: 6-700-AC-35063 D: 6-700-AD-45063

OTHER ACCESSORIES

Motor Block Systems Adapter**	Hook Mount Systems Adapter**	Exterior Systems Adapter
6-700-BR-SQ002	6-700-BR-4SLAM 6-700-BR-SQ009 (metal-6 holes) 6-700-BR-SQ012 (plastic-6 holes)	6-700-BR-SQ001

*This tube requires a notch on the crown adapter or counter ring and 2 rivets on the drive in order to avoid slipping.
**Also included with the motor.