



VTi® DRAPERY BATTERY MOTOR | 1 Nm

6-800-MD-50UB1 (Unidirectional)



AS QUIET AS
29dB
VTi® RELION MOTORS



FEATURES

- Detachable battery pack with USB C-type charging port.
- One way & center open fabrication options.
- Automatically adjust its electronic limits.
- Operation as quiet as 29 dB.
- Manual pull function: automatically open or close the drapery when pulling on the fabric to initiate movement.
- Stop on contact: the motor stops when it finds an obstacle that offers resistance to its movement.
- Manual operation option when there is a power outage.
- 433.92 MHz radio frequency communication.
- DC: direct current.
- Maximum weight capacity: 88 lb | 40 kg.
- Smart control with VTi® Smart Hub, anytime, anywhere.
- Compatible with leading brands of Home Automation Systems.

APPLICATIONS

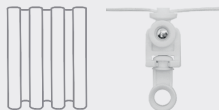


Drapery
One Way

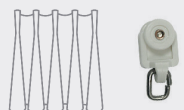


Drapery
Center Open

COMPATIBLE SYSTEMS



Ripple Fold



Pinch Pleat

SMART SOLUTIONS



VTi® RE-LION
SMARTHUB
6-800-HA-VTI01



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



VTi HomeMate+
App

CONTROL SOLUTIONS



Point Celtic
Remote

2 Channels Unidirectional
6-800-AT-POU02



Point Celtic
Remote

6 Channels Unidirectional
6-800-AT-POU06



Point Celtic
Remote

16 Channels Unidirectional
6-800-AT-POU16



Chic Remote

2 Channels Bidirectional
6-800-AT-CHB02



Chic Remote

6 Channels Bidirectional
6-800-AT-CHB06



Escalate Remote

6 Channels Timer + Display
Bidirectional
6-800-AT-ESB06



Escalate Remote

16 Channels Display
Bidirectional
6-800-AT-ESB16

CERTIFICATIONS

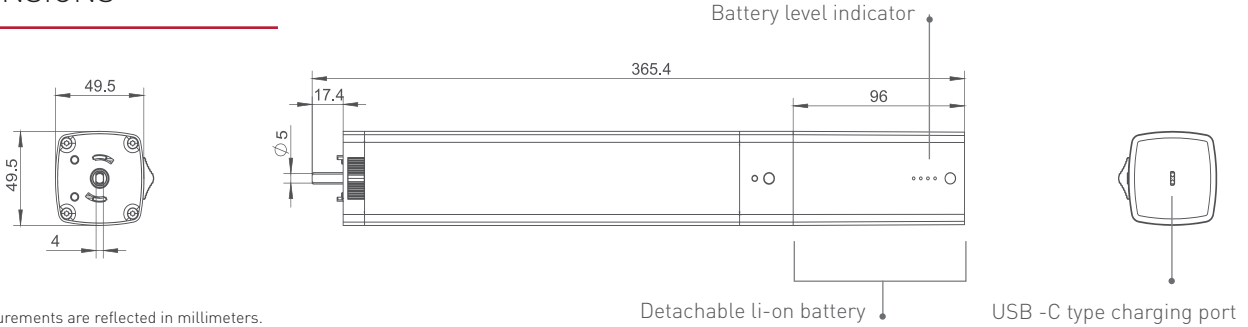




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DIMENSIONS



*All measurements are reflected in millimeters.

TECHNICAL SPECS

Torque	1 Nm	Thermal Protection	6 Minutes
Speed	12, 14, 16 cm/s	Voltage Supply	16 V DC (Motor) 5VDC (Lion Battery)
Sound Level	29 dB	Radio Frequency	433.92 MHz
Limits	Electronic	Weight Capacity*	88 lb 40 kg
Index Protection	IP 40	Working Temp.	14 ~ 131 °F -10 ~ 55 °C
Power	24 W	RF Modulation	ASK
Current	1.6 A (Motor) 2A (Lion Battery)		

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

POWER SOLUTIONS

Transformer for 1Nm Drapery Motor*
6-800-DA-MDT16

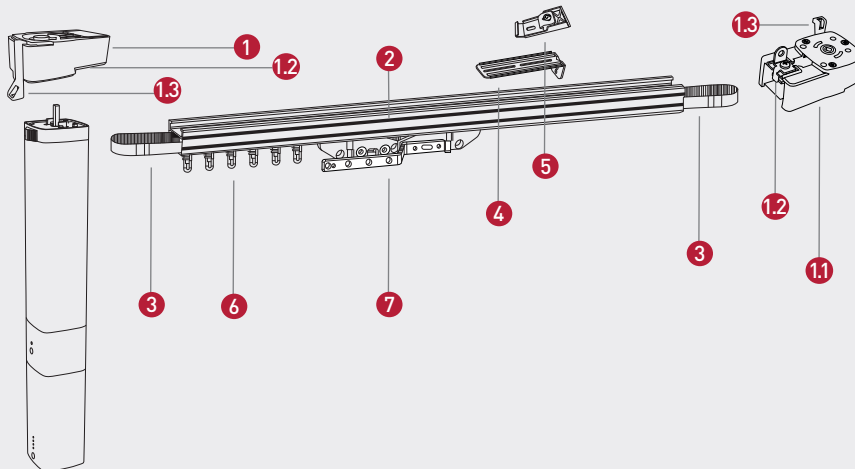
Detachable Battery for 1Nm Drapery Motor*
6-800-MA-MDB16

Solar Panel
6-800-MA-MBSOL

Transformer+USB Cable for Battery Motors
6-800-MA-BUSBT

*Available by special order.

SYSTEM COMPONENTS



1, 1.1	Drapery Gearbox 6-800-DA-MD002
1.2	Track lock (Included with each Drapery Gearbox.)
1.3	Plastic clip (Included with each Drapery Gearbox.) Available also as a separate item, 6-700-DM-00011
2	Aluminum track 6-700-DM-00009
3	Drive belt 6-700-DM-00005
4	"L" bracket 0-030-CA-06600
5	Ceiling installation clip 6-700-DM-00010
6	Carriers 6a. Ripple Fold system: 6-700-DM-00013 00014 00015 00016 6b. Pinch Pleat system: 6-700-DM-00006
7	Master Carrier 7a. Ripple Fold system: 6-700-DM-00018 7b. Pinch Pleat system: 6-700-DM-00008
-	Snap Tape for Ripple Fold system 6-700-DM-00017 (Not shown in the diagram.)