



# VTi® DRAPERY BATTERY MOTOR | 1 Nm

6-800-MD-50BB1 (Bidirectional)



AS QUIET AS  
**29dB**  
VTi® RE-LION MOTORS



## FEATURES

- 433 MHz Bi-Directional RF communication allows control of the position of the shades and keeps them track anytime.
- 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

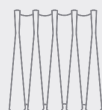


Drapery Center Open

## COMPATIBLE SYSTEMS



Ripple Fold



Pinch Pleat



## SMART SOLUTIONS



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



VTi HomeMate+  
App

## CONTROL SOLUTIONS



**Chic Celtic Remote**  
2 Channels  
Bidirectional  
6-800-AT-CHB02



**Chic Celtic Remote**  
6 Channels  
Bidirectional  
6-800-AT-CHB06



**Escalate Celtic Remote**  
6 Channels  
Bidirectional  
6-800-AT-ESBT6



**Escalate Celtic Remote**  
16 Channels  
Bidirectional  
6-800-AT-ESB16

## CERTIFICATIONS

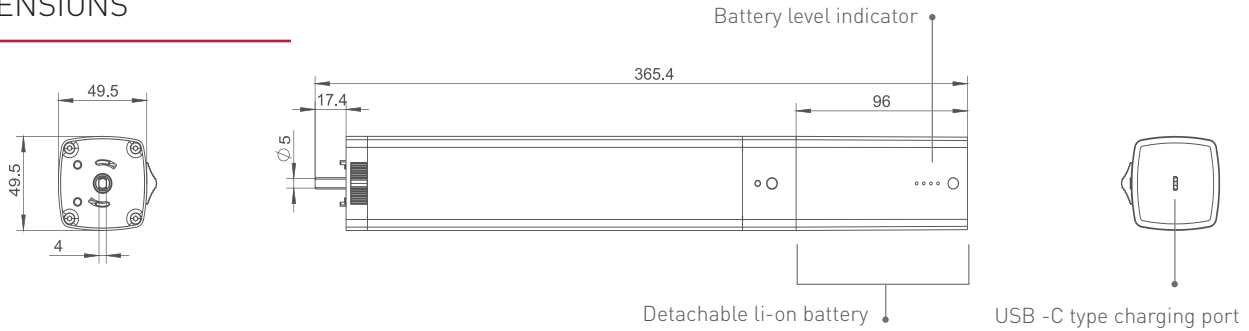




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## DIMENSIONS



\*All measurements are reflected in millimeters.

## TECHNICAL SPECS

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

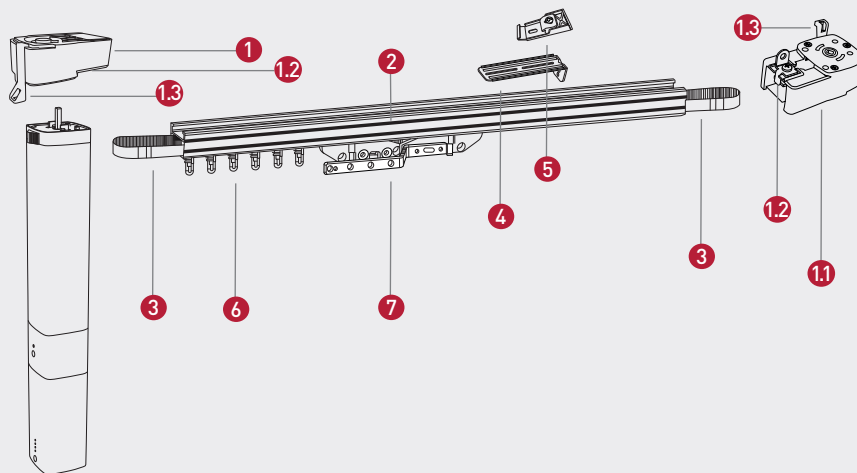
\*The maximum weight capacity is calculated under optimal circumstances. Actual results may vary. Specifications are subject to change without notice.

## POWER SOLUTIONS

<p><b>Transformer for 1Nm Drapery Motor*</b> 6-800-DA-MDT16</p>	<p><b>Detachable Battery for 1Nm Drapery Motor*</b> 6-800-MA-MDB16</p>
<p><b>Solar Panel</b> 6-800-MA-MBSOL</p>	<p><b>Transformer + USB Cable for Battery Motors</b> 6-800-MA-BUSBT</p>

\*Available by special order.

## SYSTEM COMPONENTS



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