

INSTRUCTION MANUAL

Internal Small Square Battery Pack







SOLAR OPTION TYPE C CHARGE

The rechargeable Lithium-Ion battery pack enables Automate D/C motors to operate wirelessly and without the constraints of traditional battery wands with disposable batteries.

FEATURES:

- Replacement for Traditional Battery Wands that use disposable batteries
- Provides up to 500 up/down cycles on a single charge (depends on shade size & fabric weight)
- Compatible with Automate Cord Lift motors
- Small profile allows for optimal placement in window pocket
- Battery pack fully recharges in ~ 7 hours
- Battery health status reported in Automate Pulse App
- Pairs with optional solar panel for autonomous re-charging

SAFETY INSTRUCTIONS

WARNING: Important safety instructions to be read before installation.

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.







WARNING: Important safety instructions to be read before installation and use.

- 1. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- Prevent unintentional starting. Ensure the switch is in the off-position before connection to battery pack, picking up or carrying the appliance. Carrying the appliance with your finger on the switch or energizing appliance that have the switch on invites accidents.
- Disconnect the battery pack from the appliance before making any adjustments, changing accessories, or storing appliance. Such preventive safety measures reduce the risk of starting the appliance accidentally.
- 4. Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- 5. Use appliances only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
- 6. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally
 occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the
 battery may cause irritation or burns.
- 8. Do not use a battery pack or appliance that is damaged or modified. Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- 9. Do not expose a battery pack or appliance to fire or excessive temperature. Exposure to fire or temperature above 130°C may cause explosion.
- 10. Follow all charging instructions and do not charge the battery pack or appliance outside of the temperature range specified in the instructions. Charging improperly or at temperatures outside of the specified range may damage the battery and increase the risk of fire.
- 11. Have servicing performed by a qualified repair person using only identical replacement parts. This will ensure that the safety of the product is maintained.
- 12. Do not modify or attempt to repair the appliance or the battery pack (as applicable) except as indicated in the instructions for use and care.
- 13. Use only with Listed/Certified Class 2 Power Unit.
- 14. If the product is exported to Canada, the instruction manual needs to be provided in French.

COMPLIANCE STATEMENT

This device complies with Part 15 of the FCC Rules / Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

[2] l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To satisfy FCC / IC RF exposure requirements, a separation distance of $20\ \mathrm{cm}$ or more should be maintained

between the antenna of this device and persons during device operation.

To ensure compliance, operations at closer than this distance is not recommended.

Les antennes installées doivent être situées de facon à ce que la population ne puisse y être exposée à une distance de moin de 20 cm. Installer les antennes de facon à ce que le personnel ne puisse approcher à 20 cm ou moins de la position centrale de l' antenne.

La FCC des éltats-unis stipule que cet appareil doit être en tout temps éloigné d'au moins 20 cm des personnes pendant son functionnement.



Do not dispose of in general waste. Please recycle batteries and damaged electrical products appropriately.

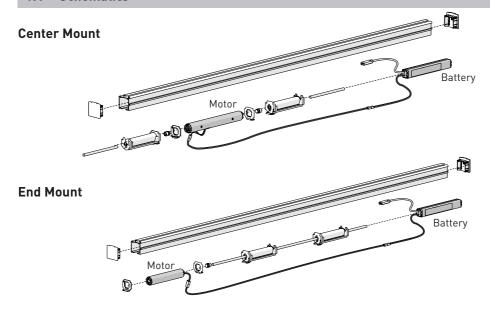






1 INSTALLATION

1.1 Schematics



1.2 Attachment Methods

HEADRAIL PROFILE	Turnils Headrail	SWF Headrail	Hunter Douglas	Lafayette Headrail
MOTOR CRADLE	MTAD-CLHR-TUR	MT03-0207-050016	MT03-0207-050016	MT03-0207-050020
HEADRAIL PROFILE	Parasol	SS38	Turnils Headrail	
MOTOR CRADLE	MT03-0207-050020	MTAD-CLHRSS38KT	MT03-0207-050033	

Charging 1.3

Charging uses the 2 pin locking "SMR" style connector.



IMPORTANT

Rechargeable Battery Pack must be fully charged prior to first use to prolong battery lifespan.

Step 1. Connect the Rechargeable Battery Pack to the Rollease Acmeda charger. MT03-0301-069008 + MT03-0301-069007 AUTOMATE | USB Cable Type C 5V - 157" / 4000mm

Step 2. Charge for 7 hours.

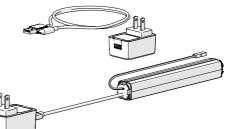
Step 3. Install as required.

See Section 1.2 Attachment Methods

Charging Cable



Battery comes with Type C to Micro USB adapter.



Motor Connections 1.4

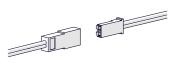
Charging uses the 2 pin, non-locking "JST" style connector.

Cord Lift

MT01-3001-069001 Cord Lift DCRF Motor-0.8N-45r

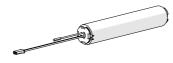
MTDCRF-CL-0.6-50 Cord Lift DCRF Motor - 0.6N-50r

Cord Lift



Motor Connection Cable





SPECIFICATIONS

Input Voltage	5 VDC	
Typical Voltage	12.6 VDC	
Nominal Voltage	8.4 V	
Rated Energy	2.6A Max	
Input Current	2 A	
Battery Size	2600mAh	
Battery Type	Li-ion Rechargeable	
Temperature Working Range	32°F to 140°F (0°C to 60°C)	
Charging Time	≈ 7 Hours	

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