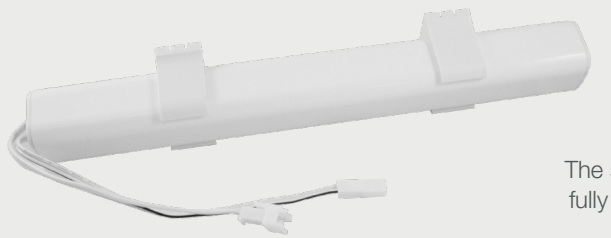
R-TEC AUTOMATION® by Rowley®

High Capacity Battery Pack
RTMDCHCBP



High Capacity Battery Pack - The rechargeable Li-ion Battery Pack enables DC Tubular Motors to operate wirelessly and without the constraints of traditional battery wands with disposable batteries.

The small profile allows for optimal placement in the window pocket, fully recharges in about 6 hours and can be paired with the optional Solar Panel Battery Charger for continuous recharging.

FEATURES

Up to 500 Up / Down Cycles on Single Charge

Small Profile

Battery Health Status in R-TEC Automation® App

Recharges in 6 hours

Optional Solar Panel for Continuous Recharging

TABLE OF CONTENTS

COMPLIANCE STATEMENT

This device complies with the essential requirements and is tested to comply with:

- UN38.3 - UN Transport Test and Criteria for Lithium Batteries.
- UL 2595, CSA C22.2 No. 0.23 - General Requirements for Battery-Powered Appliances.

Testing is conducted to cover all aspects of the UN Model Regulations, Manual of Test and Criteria, Part III, subsection 38.3, including:

- Altitude Simulation
- Thermal Test
- Vibration
- Shock
- External Short Circuit
- Impact / Crush
- Overcharge
- Forced Discharge

Additionally, all battery products assemblies utilize an integrated charge management circuit which protects against over or under charging. This circuit also enables individual cell balancing which ensures the longevity and integrity of the entire battery pack.

TECHNICAL DATA / PACK CONTENTS

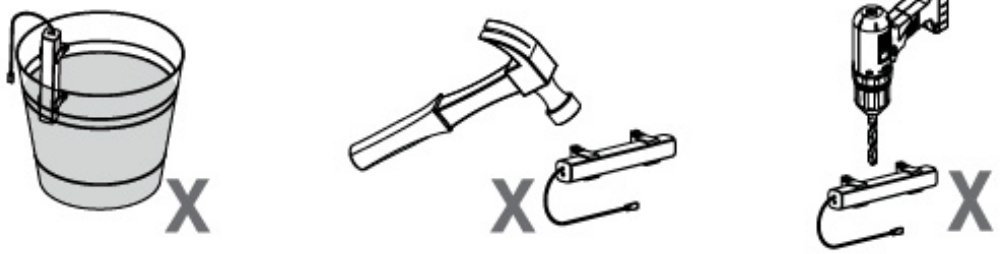
PRODUCT SPECIFICATIONS

Specification	Value
Input Volts	12.6 V
Output Volts	12.0 V
Capacity	2600 mAh
Insulation Class	III
Battery Size / Type	1 1/4" x 1 1/4" x 10" / Li-ion Rechargeable
Temperature Working Range	32º F - 140º F

SAFETY

WARNING

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



CAUTION

- Do not expose to moisture or extreme temperatures.
- Do not allow children to play with this device.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- For use within DC Tubular Motors.
- Ensure correct crown and drive adaptors are used for the intended system.
- Do not cut power cables.
- Use only R-TEC Automation® hardware.
- Before installation, remove any unnecessary cords and disable any equipment not needed for powered operation.
- Do not drill into battery body.
- The routing of cable through walls shall be protected by isolating bushes or grommets.
- Ensure power cable is clear and protected from moving parts.
- If any cables are damaged, do not use.

IMPORTANT SAFETY INSTRUCTIONS TO BE READ PRIOR TO OPERATION

- It is important for the safety of persons to follow the enclosed instructions. Save these instructions for future reference.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Keep battery away from acid, aklali, heat and fire.

Li-ion

Do no dispose of in general waste.

Please recycle batteries and damaged electrical products appropriately.

Intertek 5005833

INSTALLATION

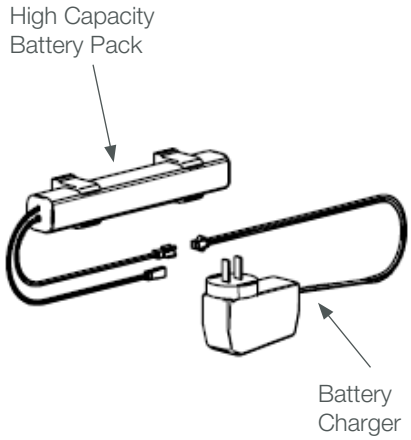
CHARGING

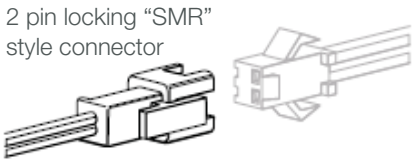
Charging uses the 2 pin locking “SMR” style connector.

IMPORTANT

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

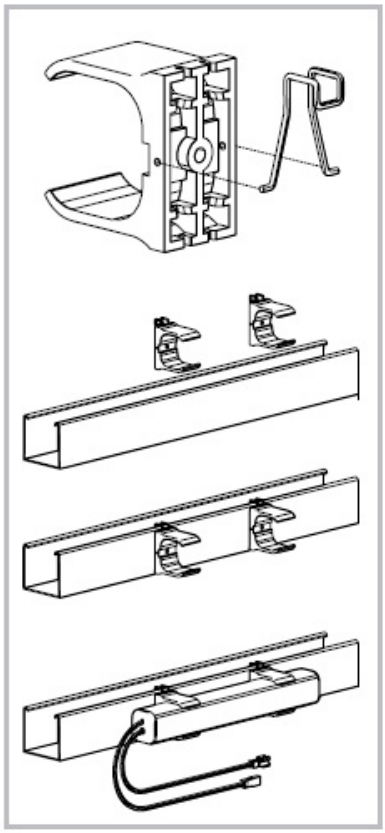
1. Connect the High Capacity Battery Pack to the Battery Charger RTMLBC or optional Solar Panel Battery Charger RTMSOLAR2.
2. Charge for 6 hours.
3. Install as required. See below attachment methods.



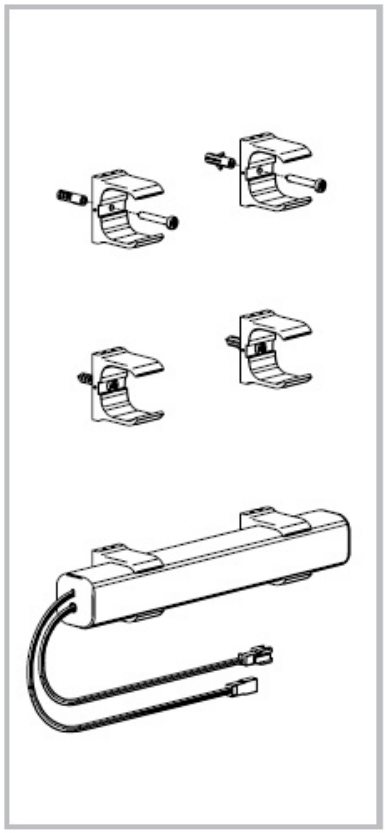


ATTACHMENT METHODS

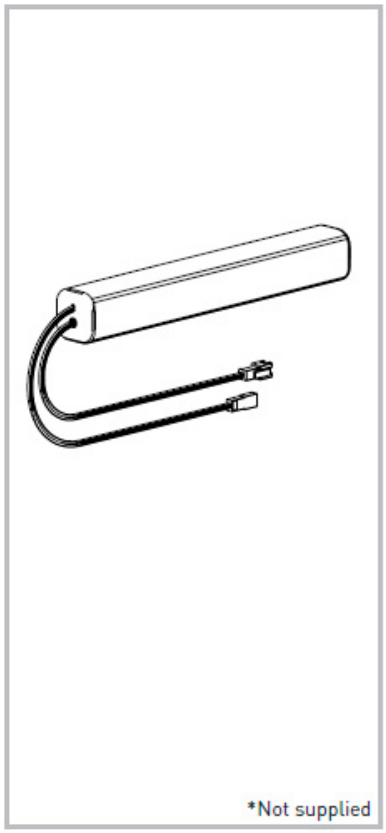
Hook



Screw



Double Sided Tape*



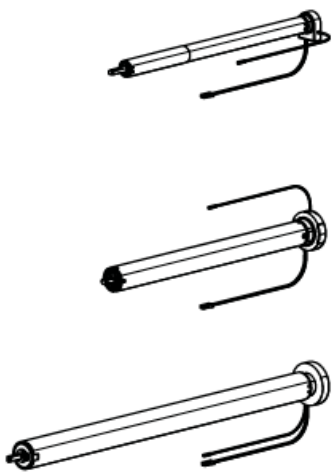
IMPORTANT

Do not install Rechargeable Battery Pack where it will be exposed to direct sun light.

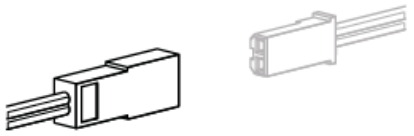
MOTOR CONNECTIONS

Motor connections use the 2 pin, non-locking “JST” style connector

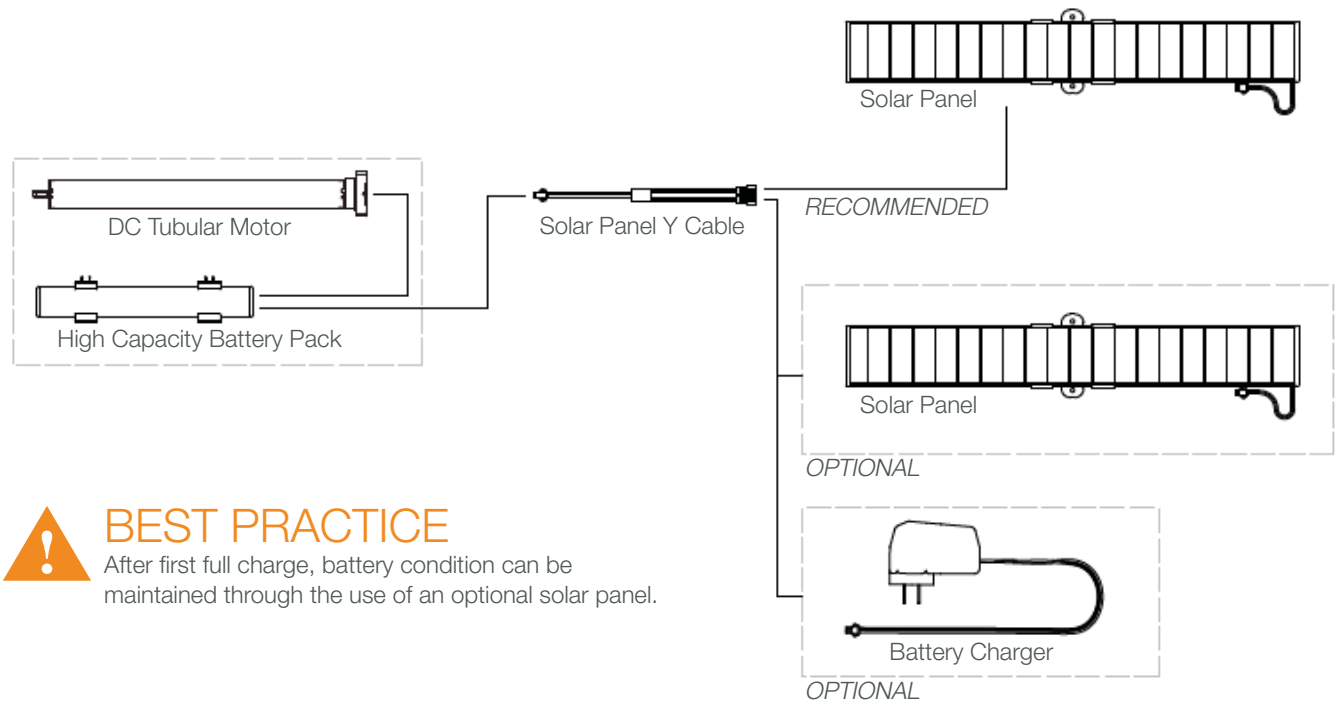
DC Tubular



Motor Connection Cable



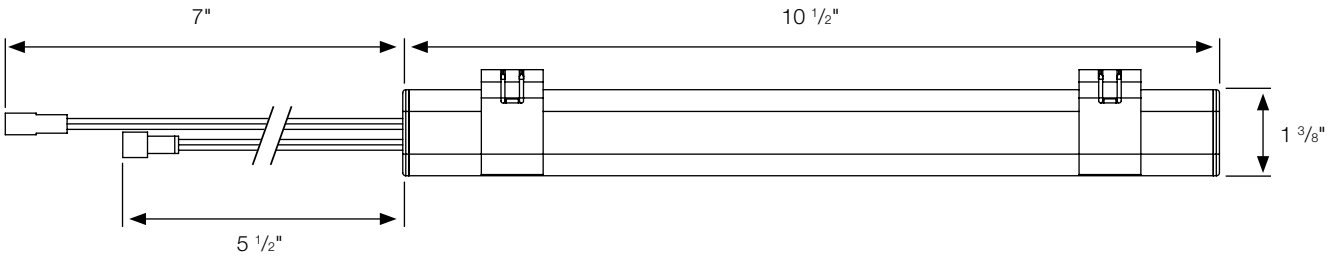
SCENARIO EXAMPLE USING SOLAR PANEL Y CABLE



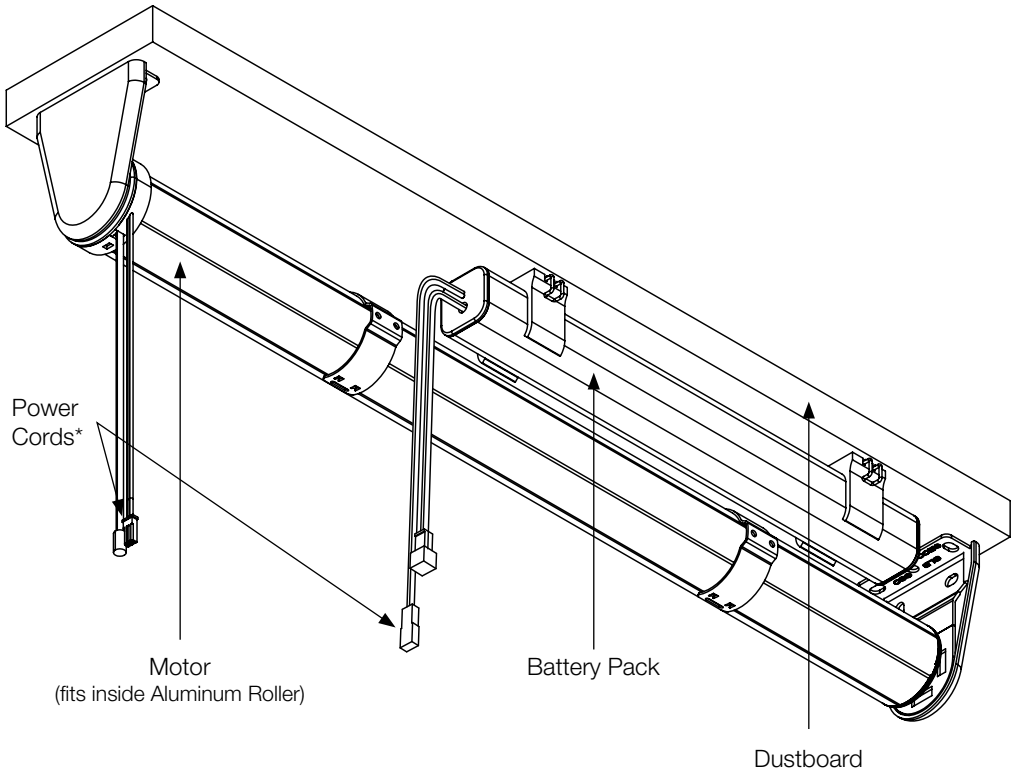
BEST PRACTICE

After first full charge, battery condition can be maintained through the use of an optional solar panel.

DIMENSIONS



Mounting the Battery Pack to the Dustboard



*Power Cords plug into each other from the Motor to the Battery Pack. Keep cords away from rotating parts of the shade during operation.

Any Questions?

Contact our R-TEC Automation® in-house experts at 866.985.3423. Email us at RTECAutomation@RowleyCompany.com.