CONSTANT POWER LITHIUM / FEATURES & BENEFITS

OUR CONSTANT POWER LITHIUM STRUCTURAL DESIGN ADVANTAGES INCLUDE:

- LiFePO4 Chemistry. The safest Lithium Battery chemistry.
- 3.2V / 5.5Ah Cylindrical Design Cell. #32650.
- Each cell is protected by a patented PCB. Each cell has a built-in thermal safety fuse between the anode and cathode that will break in the unlikely event that the cell would begin to overheat.
- Screw mounted module design for safety, stability & reliability.
- Built-in BMS (Battery Management System) into each battery. Constant Power Lithium cylindrical cells are optimized through the use of its Battery Management System (BMS). Monitoring of the cells through the BMS provides:
  1. Protection against overcharge.
  2. Protection against over discharge.
  3. Protection against Short Circuit.
  4. Enables every Battery Pack to obtain an independent balancing function.
  5. Overall the BMS helps to ensure safe and accurate operation.

CONSTANT POWER LITHIUM BATTERY ADVANTAGES INCLUDE:

- Higher DC Voltage improves equipment efficiency.
- Lighter than conventional batteries.
- Increased Cyclability.
- Longer Life.
- Lower Self Discharge Rate.

Constant Power Lithium Cells have passed the following Abuse & Safety Tests.
Impact Test * Puncture Test * Drop & Shock Test * Crush Test * Thermal Shock * Over-Charge Test * Over-Discharge Test * Positive & Negative Short Circuit.
All tests resulted in No Fire, No Explosion while retaining a Stable Chemical Structure.

Manufacturers Two-Year Warranty

QUALITY ASSURANCE SYSTEM

CERTIFICATIONS

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