

# FLUX POWER



## FLUX POWER 12V LiFe PO4 BATTERY

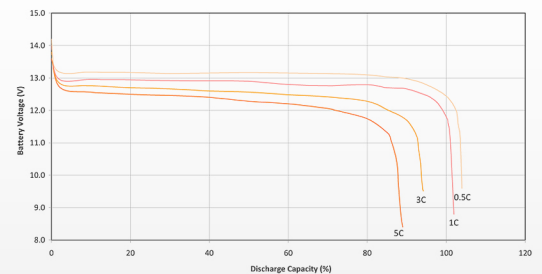
### PRODUCT DESCRIPTION:

Flux Power's LiFe PO4 family of products offer great energy density, discharge ability, communicating, and life cycle tracking at an affordable price. Each 12v pack comes with an integrated Battery Management System that extends the life of each lithium cell inside by constantly managing its charge state versus other cells in the system. This system also records every charge and discharge cycle that each cell is put through over its lifetime. This unique tracking enables instant identification of any cell deficiencies and allows extended warranties on the complete system. In addition, every LiFe battery pack from Flux has convenient hold down anchors and lifting pins to make for easy installation of even the largest battery systems.

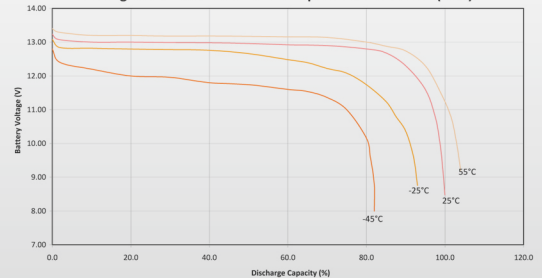
### GENERAL SPECIFICATIONS:

- Battery Type: Li Fe PO4
- Nominal Capacity(C/5): 160-200Ah
- Length: 324mm
- Height: 308mm
- Depth: 198mm
- Weight: 24kg
- Terminal Type: Female M8 x 1.25
- Hold Downs: Yes
- BMS: CAN Enabled
- Max Connected cells: 50
- Operating Temp: -10°C to 50°C
- Shock and Vibration: IEC61960, DIN VG96 924
- Water/Dust Resistance: IP56
- Warranty: 2 Years Limited

Discharge Performance (25°C)



Discharge Curve Under Different Temperature Conditions (0.5C)



Expected Cycle Life with respect to DOD  
(0.5C Charge/Discharge @25°C)

