



Bioenno Power®

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Bioenno Power®

BLF-1215WS

ABS Sealed Version

30A Continuous Discharge Current

12V, 15Ah LiFePO4 (Lithium Iron Phosphate) Battery

Nominal Voltage	12.8V
Nominal Capacity	15 Ah
Case Type	ABS Sealed Case
Internal Impedance	< 100 milli-ohms
Nominal Charge Voltage	14.6 VDC (+/- 0.05V)
Discharge Cutoff Voltage	9.2 VDC (+/- 0.5V)
Continuous Discharge Current	30A (Electrical Load should not exceed 30A continuous current)
Max Peak Pulse Discharge Current	45A (2 Seconds)
Charge Method <i>LiFePO4 Batteries must be charged using CC/CV Method. Bioenno Power advises use of LiFePO4 chargers that are compatible with Bioenno Power batteries.</i>	Constant Current (CC) / Constant Voltage (CV) CC Charging Current: < 5A Constant Voltage: 14.6 VDC Charging Cut-Off Condition: < 200 mA
Cycle Life	2000 Charge Cycles (at 0.2C discharge rate)
PCM (Protection Circuit Module) Parameters Built in Protection Circuit Module	Overcharge Protection for Each Cell: Min: 3.775 V; Typical: 3.8V; Max: 3.825 V Overcharge Recovery Protection for Each Cell: Min: 3.55V; Typical: 3.6V; Max: 3.65V Undercharge Protection for Each Cell: Min: 1.92V; Typical: 2.0V; Max: 2.08V Undercharge Recovery Protection for Each Cell: Min: 2.2V; Typical: 2.3V; Max: 2.4V Discharge Overcurrent Protection: Min: 63A; Typical: 70A; Max: 77A Over Temperature Protection: Min: 60 deg C; Typical: 65 deg C; Max: 70 deg C Over Temperature Recovery Protection: Min: 50 deg ; Typical: 55 deg C; Max: 60 deg C
Dimensions	5.9 in. x 3.9 in. x 3.7 in. (150 mm x 98 mm x 95 mm)
Weight	4.19 lbs. (1.9 kg.)
Operating Temperature	Charging: 32F to 113F (0 deg C to 45 deg C) Discharging: 14F to 140F (-10 deg C to 60 deg C)
Storage Temperature	41F to 95F (5 deg C to 35 deg C)