

12V 230Ah

Lithium Battery

(LiFePO4) PRO-SERIES | Deep Cycle Battery

Battery: Deep cycle lithium iron phosphate
BMS Solution: JBD Smart BMS
Color: Black
Life Cycle: 5000 cycles
Very Low Self Discharge: <3% per month
Certification: CE, RoHS, UN.38.3
Flexible Deployment: Supports series and parallel connection
Deep Discharge: 100%
Excellent Temperature Range: -20°C to 60°C
Smart BMS LCD Display: Included
Bluetooth Monitoring: Included

Discharge/Charge

Max Continuous Discharge Current	200A
Peak Current	300A
Discharge Pulse Current	900 A
Discharge Cut-off Voltage	12.0V
Max Charge Current	200A
Recommended Charge Current	20A – 50A
End of Charge Voltage	14.6V
BMS Over Charge Voltage Cut-off	14.4V
Balancing Voltage	13.2V
Cell Balancing Current	200mA

Mechanical

Terminal Type	M8
Weight	45.50 lbs (20.64 kg)
Case Dimension (L*W*H)	13.46" x 7.36" x 9.84"
BCI Group Size	Group 27 Footprint Extended
Case Material	ABS Plastic
Enclosure Protection	IP65
Cell Type/Chemistry	Prismatic LiFePO4
BMS Functions: Over-charge, Over-discharge, Over-current, Short-circuit, Temperature Protection, Auto Balance, Bluetooth App	



Electrical

Nominal Voltage	12.8V
Rated Capacity	230Ah
Energy	2944Wh
Operation Voltage	12.0V – 14.6V
Self Discharge	≤3% / Month
Efficiency	≥99%
Max Module In Series	4
Max Module In Parallel	4
Short Circuit Protection	200-500 μs

Temperature

Discharge Temperature	-20°C to 60°C
Charge Temperature	0°C to 45°C
Storage Temperature Range	-5°C to 35°C
Battery High Temperature Protection	80°C
BMS Temperature Protection	105°C
Self-heating	Optional
Self-heating mode	Optional

Dimensional

