



SPECIFICATION SHEET
B1250B
BATTERY SYSTEM

Battery system: B1250B

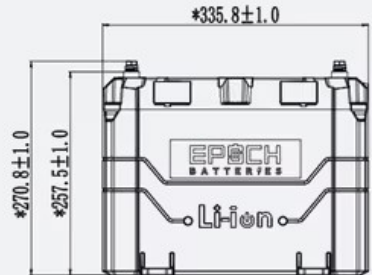
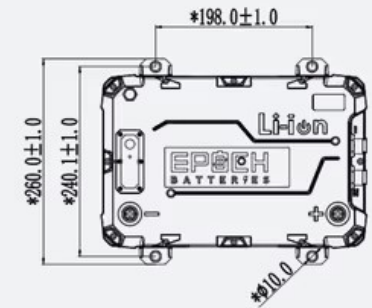
Capacity: 50Ah

Built-in Smart Battery Management System (BMS)

ELECTRICAL SPECIFICATIONS

SKU:	B1250B
Voltage:	12V
Chemistry:	LiFePO4
Charging Voltage Range:	14.0 - 14.6V
Max Charge Voltage:	14.6V
Operating Voltage Range:	10.8 - 14.6V
kWh Capacity:	0.64 kWh
Ah Capacity:	50Ah
Cell configuration:	4S
Max Continuous Discharge Amps:	100A
Max Continuous Power Watts:	1280
Max Discharge Peak Current Amps:	150A (30 Seconds)
Max Charge Current Amps:	150A (10 Seconds)
Charge Temp Range:	-20°C (-4°F) / 55°C (131°F) (with heating)
Discharge Temp Range:	-20°C (-4°F) / 60°C (140°F)
Optimal Discharge Temp Range:	15°C (59°F) / 35°C (95°F)
Storage Temp:	0°C (32°F) / 35°C (95°F) (Max 12 Months)
Weight:	22 (LBS)
Length Inches:	13.2
Width Inches:	10.2
Height Inches:	10.6
Safety Features:	BMS (Battery Management System) Over Voltage, Under Voltage, Over-Current, Short Circuit, Over Temperature, Under Temperature
Series Parallel:	Max (4) in Series up to 48V Max (4) in Parallel up to 400Ah

DIMENSIONS



- ✓ Bluetooth Connectivity
- ✓ Internal Heating
- ✓ IP67 Ingress Protection
- ✓ Grade V-0 Fireproof

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