



# B24100B

## BATTERY SYSTEM

Battery system: B24100B

Capacity: 100Ah

Built-in Smart Battery Management System (BMS)

### ELECTRICAL SPECIFICATIONS

SKU:	B24100B
Voltage:	24V
Chemistry:	LiFePO4
Charging Voltage Range:	28.0 - 29.2V
Max Charge Voltage:	29.2V
Operating Voltage Range:	20 - 29.2V
kWh Capacity:	2.56 kWh
Ah Capacity:	100Ah
Cell configuration:	8S
Max Continuous Discharge Amps:	120A
Max Continuous Power Watts:	3072
Max Discharge Peak Current Amps:	200A (60 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:	48.5 (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

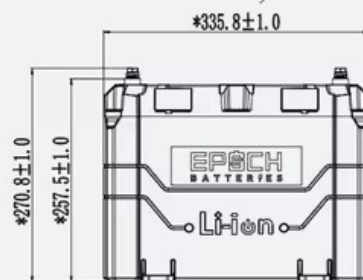
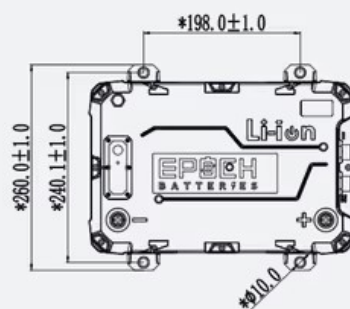
**Series | Parallel:** Max (2) in Series up to 48V  
Max (4) in Parallel up to 400Ah

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

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### DIMENSIONS



UN38.3

