

Certo

Lithium Series

CP13-108-1.4 (13V108AH)



Introducing the Certo 108AH 13V LiFePO4 lithium battery. Designed to redefine energy storage, this cutting-edge battery boasts a remarkable capacity of 108 ampere-hours, providing a reliable and long-lasting power solution. Built with advanced LiFePO4 lithium technology, it ensures exceptional performance, enhanced safety, and an extended lifespan. With a voltage rating of 13 volts, this battery is engineered to deliver a stable and consistent power output, making it ideal for a wide range of applications.

Whether you require dependable energy storage for backup systems, solar systems, electric vehicles, marine equipment, or off-grid installations, our 108AH 13V LiFePO4 lithium battery is the ultimate choice, guaranteeing efficient and sustainable power.

BATTERY INFORMATION

| | |
|-----------------------------|--|
| Battery Chemistry | LiFePO4 (Lithium Iron Phosphate) |
| Energy Density | 1400 Wh |
| Amp Hour Capacity | 108 AH |
| Nominal Voltage | 13 VDC |
| Operating Voltage Range | 11.6 - 14.4VDC |
| Cycle Life | 4000 cycles (1C, 25°C @ 80% DOD) 6000 cycles (1C, 25°C @ 50% DOD) 8000 cycles (1C, 25°C @ 30% DOD) |
| Operating Temperature Range | Charge: 0°C ~ 55°C Discharge: -20°C ~ 55°C |
| Physical Dimensions | 330 x 172 x 215mm (L x W x H) |
| Weight | 13 kgs |
| Terminal | M8 cap screw |
| IP Rating | IP50 |
| BMS Protection | Over Voltage, Over Current, Over Temperature and Cell Balancing |
| Certifications | UN4380, CLASS 9, CB, CE |
| Design Life | 20 years |

CHARGE / DISCHARGE INFORMATION

| | |
|-------------------------|---------------------------------|
| Bulk Charge Voltage | 14.4 VDC |
| Float Charge Voltage | 13.8 VDC |
| Discharge Voltage | 11.6 VDC |
| Charging Current | 25 A (Recommended) 50 A (Max) |
| Discharge Current (Max) | 100 A |

Disclaimer: The information provided in this specification sheet is subject to change at any time without prior notice or consent, as per our sole discretion.