



Specifications

Lithium Power

Basic 12 V – 150 Ah

17-06-2024

ARTICLE NUMBER

40291203

Lithium Power Basic 12 V - 150 Ah

TECHNICAL SPECIFICATIONS

Length x width x height

483 x 170 x 238 mm (19 x 6.7 x 9.4 inch)

Weight

16.5 kg (36.38 lbs)

Nominal voltage

12.8 V

Rated capacity

150 Ah

Energy

1920 Wh

Cycle life

>2000 cycles @ 1C,100% DOD

Terminal type

M8

Battery housing

ABS,UL-94V-0

Housing protection

IP56

CellType-chemistry

LiFePO4 Cylindrical Cell

CHARGE PARAMETERS

Charge Method

CC-CV

Charge Voltage

14.4 ~ 14.8 V

Recommended Float Voltage

13.8 V

Recommended Charge Current

75 A

Maximum Charge Current

150 A

BMS Charge Cut-off Voltage

15.6 V

DISCHARGE PARAMETERS

Continuous Discharge Current

150 A

Peak Discharge Current

250 A (<10 seconds)

Recommended Volt. Disconnect

10 V

BMS Discharge Cut-off Voltage

8 V

Reconnect Voltage

9.2 V

Short Circuit Protection

200~600 us

TEMPERATURE PARAMETERS

Discharge Temperature

-20 to 60 C

Charge Temperature

0 to 45 C

Storage Temperature

-20 to 60 C

BMS High Temperature Cut-off

80 C (176 F)

COMPLIANCE PARAMETERS

Certifications

UL1642 (cell), CE, IEC62133 & CB, KC, BIS