



# Specifications

## Lithium Power

### Basic 12 V – 100 Ah

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#### ARTICLE NUMBER

40291202

Lithium Power Basic 12 V - 100 Ah

#### TECHNICAL SPECIFICATIONS

Length x width x height

330 x 173 x 212 mm (13" x 6.8" x 8.3" inch)

Weight

12 kg (26.5 lb.)

Nominal voltage

12.8 V

Energy

1280 Wh

Cycle life

>2000 cycles

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

50 A

Maximum Charge Current

100 A

BMS Charge Cut-off Voltage

15.6 V

#### DISCHARGE PARAMETERS

Continuous Discharge Current

100 A

Peak Discharge Current

120 A

Recommended Volt. Disconnect

10 V

BMS Discharge Cut-off Voltage

8 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

