

51.2V
20.48kWh
LiFePO₄
80A
discharge

SPECIFICATIONS

Chemistry LiFePO₄

System Voltage (V) 51.2V

System Capacity (kWh) 20.48kWh

System Capacity (Ah) 400Ah

Number of Modules 4

Charge Voltage (V) 56.0 ~ 56.8V

System Recommended Charge/Discharge Current (A)

- 100A (1 Cable Set)
- 200A (2 Cable Sets)
- 300A (3 Cable Sets)
- 320A (4 Cable Sets)

System Max. Charge/Discharge Current (A) - 15 Minutes

- 120A (15 mins) (1 Cable Set)
- 240A (15mins) (2 Cable Sets)
- 360A (15mins) (3 Cable Sets)
- 480A (15mins) (4 Cable Sets)

System Peak Charge/Discharge Current (A) - 15 seconds

- 200A (15 secs) (1 Cable Set)
- 400A (15 secs) (2 Cable Sets)
- 600A (15 secs) (3 Cable Sets)
- 800A (15 secs) (4 Cable Sets)

Discharge Voltage 44.8 ~ 56.8V

Depth of discharge 95%

Operation Connection Wi-Fi (2.4G), USB 2.0

Protective class I

Communications RS485, CAN

Design Life (Years) 15+ Years

Operating Temperature Charge 0 °C~50 °C

Operating Temperature Discharge -10 °C~50 °C

Altitude <4000m

Humidity 5% ~ 95% (RH)
No Condensation

IP rating of enclosure IP65

Dimensions

Length 578mm

Width 165mm

Height 1580mm

Height (with base) 1610mm

Weight 180kg

Weight (with base) 182kg


DIAGRAM
