

# 51.2V DIY KIT

## 3.2 SPECIFICATIONS

### 51.2V 15.2kWh 305Ah LiFePO4 Cells

Rated energy (kWh)	15.2 kWh
Configuration	1P16S
Nominal voltage (V)	51.2 V
Working voltage (V)	42 V ~ 58.4 V
Nominal capacity (Ah)	305 Ah
Rated charge/discharge current (A)	100 A / 200 A @ 25 ± 2 °C
Maximum charging current	200 A @ 25 ± 2 °C
Maximum discharging current	200 A @ 25 ± 2 °C
Working temperature	0 ~ 40 °C (Charge), -20 ~ 40 °C (Discharge)
Humidity (%)	5 ~ 95%
Altitude limited (m)	0 ~ 3000 m
Weight (Kg)	113 Kg ± 3 Kg
Dimension (mm)	817 × 412 × 267 mm
Storage temperature and humidity	-10 °C ~ 35 °C (within one month of storage), 25 ± 2 °C (within three months of storage), 65% ± 20% RH
Cycle life	3500 cycles
IP grade	IP20
Communication mode	CAN & RS485