

### 3.3 Parameters

Items	Specifications
Configuration	1P14S
Nominal Voltage(V)	50.5V
Working Voltage(V)	39.2V~58.8V
Nominal Capacity(Ah)	180Ah
Rated energy(kWh)	9.09KWh
Rated charge/discharge Current(A)	59A @25±2℃
Maximum charging current	150A@25±2℃
Maximum discharge current	150A @25±2℃
Working Temperature	0~40℃ (Charge) -20~40℃ (Discharge)
Storage temperature and humidity	-10℃~35℃ (Within one month of storage) 25±2℃ (Within three months of storage) 65%±20%RH
Dimension (L x W x H)	(730)×(510)×(175)mm
Weight(Kg)	67Kg±5kg
cycle life	1500 cycles @25℃ 59A charge and discharge current 80% DOD
IP grade	IP 65
Communication mode	CAN&RS485
Altitude Limited(m)	0-3000m
Humidity(%)	5~80%