

3.3 Battery Performance Parameter

No.	Project	Specification
1	Battery Configuration	1P14S
2	Nominal Voltage	52.7V
3	Working Voltage Range	42V~58.8V
4	Nominal Capacity	220Ah
5	Nominal Power	11.594KWh (95%DOD)
6	Standard Charging/Discharging Current	50A @25±2℃
7	Maximum Charging Current	100A@25±2℃
8	Maximum Discharging Current	100A @25±2℃
9	Working Ambient Temperature	0 ~ 40℃ (Charge)
		-20 ~ 40℃ (Discharge)
10	Storage Temperature & Humidity	-10℃~35℃ (within 1 month storage) 25±2℃ (within 3 months storage) 65%±20%RH
11	Size (L x W x H)	(730)×(510)×(174.5)mm
12	Weight	72Kg±3kg
13	Cycling Lifespan	4000 cycles @25℃ 50A Charging/discharging current 80% DOD
18	IP Rate	IP 65
19	Communication	CAN or RS485
20	Altitude	0-3000m
21	Humidity Range	5~80%