

### 3.3 Battery performance parameters

Serial number	Projects	Specification
1	Battery configuration	1P14S
2	Rated voltage	51.1V
3	Operating voltage range	42V~58.1V
4	Rated capacity	117Ah
5	Rated	5.67KWh (95% DOD)
6	Standard charge/discharge current	50A @25±2° C
7	Max. charging current	100A@25±2° C
8	Max. discharge current	100A @25±2° C
9	Operating ambient temperature	0~40°C (Charge)
		-20~40°C (Discharge)
10	Storage temperature and humidity	-10° C~35° C (within one month of storage)
		25±2° C (within three months of storage)
11	Dimensions (L x W x H)	(495.4)x(363)x(151.7)mm
12	Weight	38Kg±3kg
13	Cycle life	4000 cycles @25° C 50A charge/discharge current 80% DOD
18	IP Rating	IP 2X
19	Communication methods	CAN or RS485
20	Elevation	0-3000m
21	Humidity range	5 to 80%