

# MTL

## Technical Specification

NO.	Items	Parameter	Remark
1	Model	51100	51.2V100Ah
2	Nominal Voltage	51.2v	±1
3	Nominal Capacity	5120wh	25°C0.5C discharge
4	Usable Capacity	4800wh	
5	Dimension	482*410*177mm	W*L*H
6	Discharge Cut-off Voltage	About 40V	±1
7	Weight	45kg	±0.1
7	Float charge voltage	51.75v	for Standby use
8	Recommend Current	50A	Charge/Discharge
9	Max. Charge/Discharge Current	100A	
10	Peak Charge/Discharge Current	130A	≤5sec
11	Communication	RS485, CANbus	
12	Working Temperature	0°C-50°C Charge; -10°C-50°C Discharge	
13	Shelf Temperature	-20°C~60°C	
14	Protective class	IP20	
15	Cooling type	Natural Cooling	
16	Humidity	5% ~ 85%	
17	Reference to standards	IEC62619, IEC62040,	
		IEC62477-1, UL1973	
		UL1642,VDE2510-50, UN38.3	
		IEC61000-6-2,IEC61000-3,	