

## (2) Battery Technical Specification

Parameters	Data Sheet		
Model	HS48100/51100	HS48200/51200-10	HS48300/51300
Nominal Voltage	48V / 51.2V	48V/51.2V	48V/51.2V
Nominal Capacity	100Ah	200Ah	300Ah
Energy(Wh)	4.8 / 5.12Kwh	9.6/10.24Kwh	14.4/15.36Kwh
Discharging Cut-off Voltage	42V / 44.8V	42V / 44.8V	42V / 44.8V
Charging Cut-off Voltage	54V / 57.6V	54V / 57.6V	54V / 57.6V
Max Charging Current	70A	100A	100A
Max Discharging Current	100A	200A	200A
Peak Discharging current	105A	205A	205A
Max Loaded Power	3-4Kw	5~8Kw	5~8Kw
Nos of Cells	15 / 16 pcs	15 / 16 pcs	15 / 16 pcs
Communication	RS485/CAN		
Depth of Discharge	95		
Working Temperature	0°C~50°C Charge		
	-10°C~50°C Discharge		
The Shelf Temperature	-20°C~60°C		
Protection Degree	I		
Humidity	5~95%(RH)		
Certificates	CE / UN38.3 / MSDS		
Design Life Cycle	10+Years (25°C/77°F)		
Cycles	≥6000 at 25°C		