

4.3 Battery Pack parameters

Battery Specifications							
Model	THS2.5	THS5		THS8	THS10	THS16	THS32
Nominal Parameters							
Voltage(V)	25.6	25.6	51.2	25.6	51.2	51.2	51.2
Capacity(Ah)	100	200	100	314	200	314	628
Energy(KWh)	25.6	5.12		8.03	10.24	16.07	32.15
Dimensions(L * W * H mm)	425*330*	560*440*150/		520*430*	665*565*	717*500*	902*850*
	150	450*440*148		250	160	240	250
Basic Parameters							
Service Life (25℃)	5 years						
Cycle Time	3000 cycles/6000 cycles/8000 cycles(80%DOD, 25℃)						
Storage Time/Temperature	5 months (25℃), 3 months (35℃), 1 month (45℃)						
Operating Temperature	-20℃ to 60℃ @60±25% relative humidity						
Storage Temperature	0℃ to 45℃ @60±25% relative humidity						
Case Protection Class	IP21						
Electronic Parameters							
Nominal Voltage(VDC)	25.6	25.6	51.2	25.6	51.2	51.2	51.2
Maximum Charging Voltage(VDC)	28.8	28.8	57.6	28.8	57.6	57.6	57.6
Discharge Cut-off Voltage(VDC)	21.6	21.6	43.2	21.6	43.2	43.2	43.2
Maximum Charge And Discharge Current (A)	100	200	100	200	200	200	200