



Model No.	Hi5	Hi10	Hi14
Battery capacity	5Kwh	10Kwh	14.33kwh
Cells	Lithium Iron Phosphate(LFP)	Lithium Iron Phosphate(LFP)	Lithium Iron Phosphate(LFP)
Nominal capacity	100Ah	200Ah	280Ah
Cells combination	16S1P	16S2P	16S1P
Nominal voltage	51.2V	51.2V	51.2V
Charging voltage	57.6V	57.6V	57.6V
Voltage at end of discharge	43.2V	43.2V	43.2V
Standard charge current	sustained current 42.4A cut-off current 0.01CA	sustained current 42.4A cut-off current 0.01CA	sustained current 42.4A cut-off current 0.01CA
Max. charge current	100A	150A	150A
Standard discharge current	80A	100A	106A
Max continuous discharge current	100A	150A	150A
The factory voltage	50.4V-52V	50.4V-52V	50.4V-52V
Self discharge	≤2% per month	≤2% per month	≤2% per month
Monitoring and control communications	RS232, RS485 port, serial port communication	RS232, RS485 port, serial port communication	RS232, RS485 port, serial port communication
Working condition	temperature:-20°C~60°C; humidity≤95%; altitude≤4000m	temperature:-20°C~60°C; humidity≤95%; altitude≤	temperature:-20°C~60°C; humidity≤95%; altitude≤4000m
Product life	20 years	20 years	20 years
Cycle life	≥6000 cycles@0.2C 80% D.O.D	≥6000 cycles@0.2C 80% D.O.	≥8000 cycles@0.2C 100% D.O.D
Min. battery capacity standard	≥95%	≥95%	≥95%
Differential pressure between battery charging and discharging ends	≤300mV	≤300mV	≤300mV
Product dimension WxDxH	575*445*160mm	725*605*160mm	815*604*250mm
Net weight	48±1KG	101±1KG	130±1KG
Installation	wall mounted, outdoor hanging wall type, floor type		
Scalability	Max 4 batteries in parallel		