

Model	WH12100	WH12200	WH12280	WH12300
Picture				
Battery Cell parameters				
Battery cell type	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Rated voltage	3.2V	3.2V	3.2V	3.2V
Rated capacity	100Ah	200Ah	280Ah	300Ah
Voltage range	2.8V-3.65V	2.8V-3.65V	2.8V-3.65V	2.8V-3.65V
Products parameters				
Rated voltage	12.8V	12.8V	12.8V	12.8V
Serial/ Parallel	4S1P	4S1P	4S1P	4S2P
Working voltage range	10V-14.6V	10V-14.6V	10V-14.6V	10V-14.6V
Charge voltage	13.6V-13.8V	13.6V-13.8V	13.6V-13.8V	13.6V-13.8V
Rated capacity	100Ah	200Ah	280Ah	300Ah
Energy	1.28KWH	2.56KWH	3.584KWH	3.84KWH
Rated charge current	100A	200A	200A	200A
Rated discharge current	100A	200A	200A	200A
Housing material	Plastic	Plastic	Plastic	Iron
Product dimension(W* T * H)	175*216*330MM	240*220*520MM	240*220*520MM	240*240*550MM
Product weight(Approx.)	15KG	25KG	32KG	45KG
Other parameters				
Charge temperature	0-55℃			
Discharge temperature	-10-55℃			
Optimum temperature	15-25℃			
Cooling method	Natural cooling			
IP rating	IP54			
Relative humidity	5%-95%			
Cycle life	≥5000 @80%DOD, 0.5C/0.5C, 25℃			
Communication interfaces	Bluetooth(Optional)			
Protection	Over temperature, over current, over voltage, insulation and other multiple protection ,etc .			
Design lifetime	≥10 years			
Parallel Capability	Maximum 4 units (Recommended ≤4 units)			