

Product family	ES-H48 series			
Battery model	H48-150	H48-200	H48-230	H48-280
Battery type	Lithium iron phosphate (LFP)			
Nominal voltage(V)	51.2			
Voltage range(V)	48 ~ 56.8			
Nominal capacity(ah)	150	200	230	280
Nominal power (kWh)	7.68	10.24	11.78	14.34
Charging current (A)	75	75	75	75
Discharge current (A)	120	120	120	120
Peak discharge current (A)	130,8S	130,8S	130,8S	130,8S
charge	0 ~ 50 °C(Optimum operating temperature25 ~ 35°C)			
discharge	-10 ~ 55 °C(Optimum operating temperature25 ~ 35°C)			
Storage temperature	-20 ~ 60 °C			
Operating humidity(%)	15 ~ 85 %			
Dimensions	450*850*245 1P16S	500*850*245 1P16S	500*850*245 1P16S	600*850*245 1P16S
Battery weight(kg)	75	95	90	120
Cycle life (times)	5000@(25°C,80%DOD)			
agreement	RS485/CAN			