

Product family	ES-I series							
Battery model	I-2.5	I-5	I-10	I-20	I-40	I-80	I-100	I-400
Battery type	Lithium iron phosphate (LFP)							
Nominal voltage(V)	51.2	51.2	51.2	51.2	409.6		345.6	
Grouping	1P16S	1P16S	4P16S	4P16S				
Voltage range(V)	48 ~ 56.8				384 ~ 454.4		302.4 ~ 383.4	
Nominal capacity(ah)	50	100	200	400	100	200	280	1120
Nominal power (kWh)	2.56	5.12	10.24	20.48	40.96	81.92	96.77	387.07
Charge Current(A)	25	50	100	80	50	100	140	200
Discharge current(A)	25	50	100	200	50	100	140	250
Maximum discharge (A)	50	100	200	400	100	200	280	300
(Charging, °C)	0~50 °C(Heating/cooling system is optional)							
(Discharge, °C)	-20~50 °C(Heating/cooling system is optional)							
Operating humidity(%)	0-95 %							
Dimensions	444*380* 125	444*580* 125	600*600* 1000	600*650 *1000	800*800* 2260	800*800* 2260*2	1100*70 0*1600	1100*700* 1600*4
Battery weight(kg)	35kg	65kg	200kg	350kg	700kg	1400kg	1050	4200
Cycle life (times)	5000 times @25°C							
agreement	RS485/CAN							