

Energy storage battery system ES series

MODEL	ES5kWh *	ES7.5kWh *	ES10kWh *
Number of batteries	2	3	4
Rated energy	5.32 kwh	7.98 kwh	10.64 kwh
Usable energy	4.79 kwh	7.18 kwh	9.58 kwh
Depth Of Discharge/DOD	90%		
Maximum charging/discharging current	52A/52A(1C)		
Rated voltage	102.4V	153.6V	204.8V
Minimum voltage	96V	144V	192V
Maximum voltage	115.2V	172.8V	230.4V
Battery type	LiFePO ₄		
Weight	74.6±0.1kg	102±0.1kg	129.5±0.1kg
Dimensions	630*202*763 mm	630*202*984 mm	630*202*1205 mm
Operating temperature	-20~55°C		
Relative humidity	0%~100%		
Communication method	CAN,RS485		
Installation mode	Floor installation		
Protection level	IP65		
Heat dissipation method	Natural convection		
Scalability	Parallel operation of up to two systems		
Compatible inverter	GoodWe,Growatt,DEYE,CHINT,Kstar,KOYOE,etc		
Certification standards	IEC 62619, IEC 61000-6-1/2/3/4, UN38.3		