

Power Stack Datasheet



High Voltage ES System

Battery Model	PS-10	PS-15	PS-20	PS-25	PS-30
Rated Voltage(V)	102.4	153.6	204.8	256	307.2
Rated Capacity (Ah)	100				
Battery Box Number	2	3	4	5	6
Rated Energy (kwh)	10.24	15.36	20.48	25.6	30.72
Battery Cell Type	LiFePO4(LFP)				
Voltage Range(V)	88~115.2	132~172.8	176~230.4	220~288	264~345.6
Rated Charge Current (A)	50				
Max Charge Current (A)	60				
Over Charge Protection Release	Restart or Protection Release				
Charge Temp (°C)	0~45°C				
Rated Discharge Current (A)	50				
Max Discharge Current (A)	60				
Discharge Temp	-20~55°C				
Battery Weight(KG)	105	150	195	240	285
Battery Size (L×W×H:mm)	570*415*630±2	570*415*795±2	570*415*960±2	570*415*1125±2	570*415*1290±2
Cycle Times	4000 @80%DOD,0.5C/0.5C, RT				
Communication Protocol	RS485 /CAN				
Bluetooth/LCD Display	Support				
Series Function	Support				
Certifications	UN38.3/MSDS				
Matched Inverter	Goodwe, Growatt, SMA, Sungrow, Kstar, Sofar,Invt,Victron, Sacolar, Lux POWER, Voltronic, SRNE, Soli, Xerox, Must, Pylontech, Ginlong.				