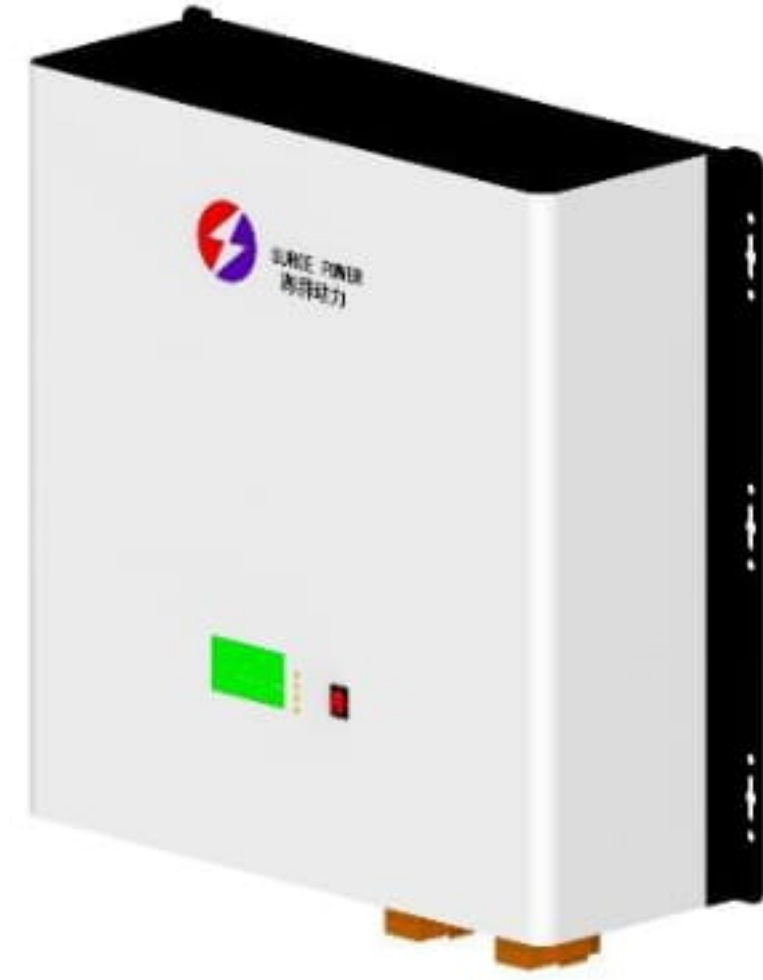


Power Cube Datasheet



ES-H24100/24200/48100



ES-H48200/48280

Battery Model	ES-24100	ES-H24200	ES-H48100	ES-H48200	ES-H48280
Rated Voltage(V)	25.6	25.6	51.2	51.2	51.2
Rated Capacity(AH)	100	200	100	200	280
Rated Energy(Kwh)	2.56	5.12	5.12	10.24	14.34
Battery Cell Type	LiFePO4(LFP)				
Cell Configuration	8S1P	8S2P	16S1P	16S2P	16S1P
Voltage Range(V)	22.4~28.4	22.4~28.4	44.8~56.8	44.8~56.8	44.8~56.8
Rated Charge Current	60	80	60	80	80
Max Charge Current	80	100	80	100	100
Over Charge Protection Release	Restart or Protection Release				
Charge Temp	0-45°C				
Rated Discharge Current	100	120	100	120	120
Max Discharge Current	130@8S	130@8S	130@8S	130@8S	130@8S
Over Discharge Protection Release	Charging or Cut off loads and Restart				
Discharge Temp	-20-55°C				
Battery Weight(KG)	22	45	45	85	120
Battery Size (LxWxH:mm)	532*400*180±2	525*600*180±2	525*600*180±2	1200*450*180±2	1200*550*250±2
Cycle Times@70% residual	4000 @80%DOD,1C/1C, RT				
Communication	RS485 /CAN				
Bluetooth/LCD display	YES				
Parallel Function	Support				
Certifications	TUV/IEC62619/IEC60730/EMC61000/UN38.3/MSDS				
Matched Inverter	Goodwe, Growatt, SMA, Sungrow, Kstar, Sofar,Invtr,Victron, Sacolar, Lux POWER, Voltronic, SRNE, Soli, Xerox, Must, Pylontech, Ginlong.				