



Product specification off-grid & on/off-grid Energy Solar Systems ESS

Model No.	PS3215M	PS4020M	PS6530M	PS8030M	PS12030M	PS12050M
Battery						
Battery Capacity	3,2KWh	4,0KWh	6,5KWh	8,0KWh	12,0KWh	12,0KWh
Battery Type / Lifecycle	Samsung Li-ion Battery / 5.000 cycles 60% dod					
Output						
Rated Output Power AC 230V	1.500W	2.000W	3.000W	5.000W	3.000W	5.000W
Peak Output	2.250W	3.000W	4.000W	7.500W	4.000W	7.500W
DC output 12V & 24V	100W	200W	200W	400W	400W	400W
Output Voltage						
Output Frequency	50Hz/60Hz					
Overload Ability	120%<load<130% @10min; 130%<load<150% @10s					
UPS Function	YES					
On/off Grid	off-grid	off-grid	off-grid	off-grid	off-grid	off-grid
Max Efficiency	92%(>70% Load)					
AC Charge						
Input Voltage	200~264Vac					
Power Factor	≥0.95(full load)					
Input Frequency	50/60Hz±5 Hz					
Max Charge Power	600W	600W	2.400W	5.000W	2.400W	5.000W
Max Efficiency	>92%					
PV & Wind Charge						
Max Input Power Solar	1.200W	1.200W	2.400W	5.400W	2.400W	5.400W
Max Input Power Wind	400W	400W	600W	1000W	1000W	1000W
Start-up Voltage	75Vdc					
MPPT	Hybrid, wind and solar					
MPPT Input Voltage	75~140 Vdc					
Max Input Voltage	150 Vdc					
MPPT Efficiency	99,5%					
Max Efficiency	>96%					
Solar Charing Model	MPPT					
General						
Working Condition	Relative humidity: 5%~90% Temperature: 0~45°C					
Product Dimension	510×270×600	510×270×601	779×347×912	779×347×913	779×347×912	778×497×911
Packing Dimension	595×355×690	595×355×691	805×525×1.065	805×525×1.066	805×525×1.065	TBD
Net Weight	47kg	59kg	89kg	99kg	118kg	190kg



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