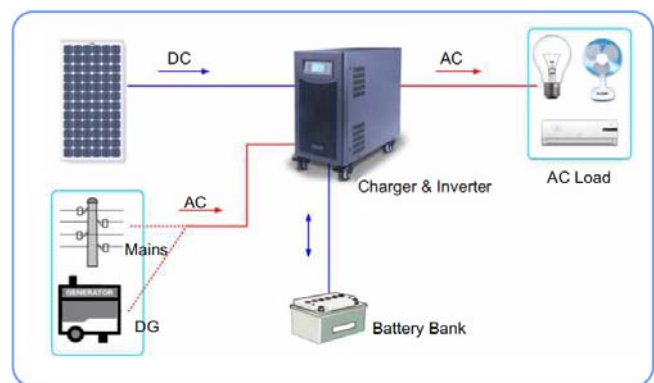




Characteristics

- Economic convenient power solutions
- High quality solar panels, pure sine wave inverter, high-capacity battery.
- Optimize high efficiency, high quality and reliable components.
- Comprehensive protection function, surge, short-circuit, over-load, over-heat, etc.
- Easy to carry and quick installation
- Reliable performance, simple operation

Functional Diagram



Application

Widely used in remote mountainous areas, farms, forest farms, small islands, the countryside, where there is no electricity in the grassland or areas which lack of electricity supply.



Warranty

SW-SPS series products adopt the industry's most advanced technology standard production, strict quality control and layers of test, to ensure the each system of high quality, high reliability.

One year product warranty.

We provide customized system, OEM &ODM service.

Technical Data

Model No.	SW-SPS5KW	SW-SPS6KW	SW-SPS8KW
Solar panel power	5000Wp	6000Wp	8000Wp
Battery capacity	34.6KWh	38.4KWh	48KWh
Rated output power	5KW	6KW	8KW
Surge rating	10KW	12KW	16KW
Advice continuous load power	≤4KW	≤5KW	≤6KW
Overload capacity	105~120% 30S, 150% 10S, >150% 5S		
Nominal output voltage	220/230/240VAC(100/110/120VAC)		
Output voltage waveform	Pure sine wave		
AC bypass	Optional		
Bracket of solar panel	Optional		
Operating temperature range	0℃~+40℃		

Note: The specifications are subject to change without notice.

Daily availability of electricity (ref.)

Model No.	Peak sun hours per day	Daily availability of power	Battery storage power(approx.)
SW-SPS5.0KW	5hrs	16KWh	29KWh
SW-SPS6.0KW	5hrs	19KWh	32KWh
SW-SPS8.0KW	5hrs	25KWh	40KWh

*The working duration is varied in different season, countries and regions.

Common Loading (ref.)

Individual load	Power	Qty	Working hours day	Power consumption per day
CFL(LED) lamp	5W	4	6	120Wh
TV(19'color)	60W	1	4	240Wh
Computer	100W	1	6	600Wh
Fan	20W	4	8	640Wh
Refrigerator	100W	1	24	800Wh
Fax	150W	1	0.5	75Wh
Washing machine	300W	1	0.5	150Wh
Printer	250W	1	0.5	125Wh
Air conditioner	1000W	1	4	4000Wh
				Total:6750Wh

Packing

Model No.	SW-SPS5.0KW	SW-SPS6.0KW	SW-SPS8.0KW
Packing	Carton	Carton	Carton
Volume/Weight per ser	5.4m ³ / 2200 kg	5.8m ³ / 3000kg	7.2m ³ / 4000 kg
20Ft (Ref.)	5Sets	4Sets	3Sets
40Ft (Ref.)	10Sets	7Sets	6Sets