

Off-grid Solar Home System

Model No.: GPSS-300W



- ◆ 5~6 hours operating time daily
- ◆ 2 system autonomy days
- ◆ Ease of installation and operation
- ◆ Long life span
- ◆ Maintenance free
- ◆ Energy saving

This 300W solar home system is specially designed to satisfy with the electricity needs of small houses, as to produce and power some basic house loads, like lamp, fan, TV, radio etc., which brings you with a perfect turnkey solution by exploiting energy in a maximum, and meanwhile, save your electricity bill, average daily electricity output could reach to **1.2~1.5kwh**.

Technical Specification

Maximum Power	300W
Rated Voltage	24Vdc
Rated Current	12.5A
Output Voltage	220Vac/110Vac
Output Frequency	50Hz/60Hz
Autonomous days	2
System Efficiency	90%
Solar Panel	300W Mono or polycrystalline silicon module
Solar Controller	Intelligent solar controller
Solar Inverter	300VA Pure sine wave inverter
Battery(optional)	2*12V100Ah Maintenance free battery
Mounting type(optional)	Rooftop or ground
Cables	10m 2*2.5mm ² copper wire
System Size	0.16 cbm
System Weight	125 kgs
Container Capacity (20ft)	120 sets

Generpower (Shanghai) Co., Ltd.

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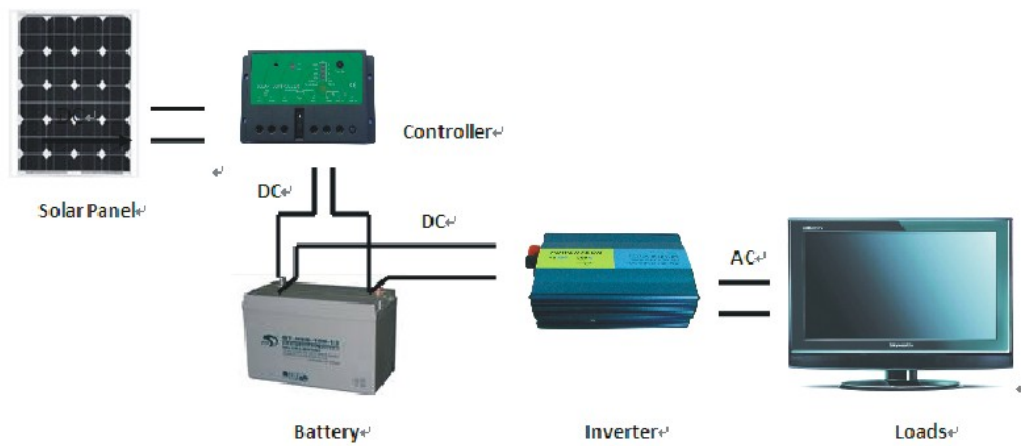
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Loads Reference

Items	Loads Name	Qty	Power(W)	Working hours/day(H)	Power consumption/day(wh)
1	TV	1	90	6	540
2	Radio	1	10	5	50
3	Light Bulb	4	20	6	480
4	TV Satellite Receiver	1	25	6	150
In total					1220

System Diagram



Project Pictures



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