

Off-grid Solar Power System

Model No.: GPSS-1000W



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

This 1KW solar power system is specially designed to satisfy with the electricity needs of residential or

commercial application, which could be built either on the rooftop or on the ground as to produce and supply independent, continuous as well as safe and clean energy for electronic appliances. This is a perfect turnkey solution for you to exploit solar energy and also save the electricity bill. Daily electricity output could reach to **4~5kwh.**

Technical Specification

Maximum Power	1000W
Rated Voltage	48Vdc
Rated Current	21A
Output Voltage	220Vac/110Vac
Output Frequency	50Hz/60Hz
Autonomous days	2
System Efficiency	90%
Solar Panel	6*170W Mono or polycrystalline silicon module
Solar Controller	48V15A Intelligent solar controller
Solar Inverter	1kVA Pure sine wave inverter
Battery(optional)	8*12V120Ah Maintenance-free Gel or AGM battery
Cable	20m 2*4mm ² copper wire
System Size	0.7 cbm
System Weight	500 kgs
Container Capacity (20ft)	35 sets

Generpower (Shanghai) Co., Ltd.

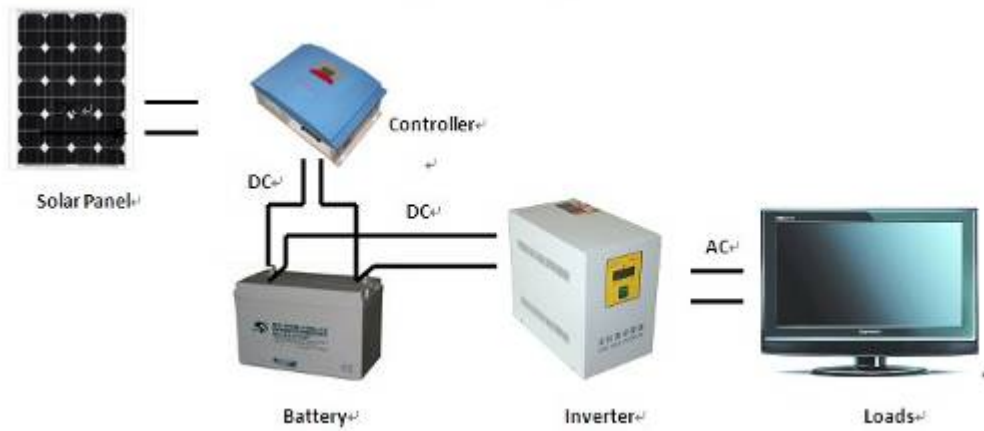
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System Diagram



Loads Reference

Items	Loads Name	Qty	Power(W)	Working hours/day(H)	Power consumption/day(wh)
1	TV	1	90	6	540
2	LCD Computer	1	100	5	500
3	Water Pump	1	200	1	200
4	Light Bulb	4	20	8	640
5	Fan	2	40	6	480
6	Refrigerator	1	100	24	2400
In total					4760

Project Pictures



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