

Off-grid Solar Home System

Model No.: GPSS-10000W



- ◆ 5~6 hours operating time daily
- ◆ 2 system autonomy days
- ◆ Ease of installation and operation
- ◆ Long life span
- ◆ Maintenance free
- ◆ Energy saving, maximum **50kwh** electricity output.

This series of solar home system is designed to satisfy with the electricity needs of residential application, which is built to produce and supply independent, continuous as well as safe and clean energy for house appliances. It is also an option to add by-pass function to inverter as to get electricity from utility grid to power loads in case that solar power is insufficient or any failure happens. This brings you a perfect turnkey solution by maximally exploiting renewable solar energy and creates your own power source.

Technical Specification

Maximum Power	10000W
Rated Voltage	120Vdc
Rated Current	83A
Output Voltage	380Vac/220Vac/110Vac
Output Frequency	50Hz/60Hz
Autonomous days	2
System Efficiency	90%
Solar Panel	60*170w Mono or polycrystalline silicon module
Solar Controller	120V60A Intelligent solar controller
Solar Inverter	10kVA Pure sine wave inverter
Battery(optional)	60*2V800Ah Maintenance-free Gel or AGM battery
Cable	30m 2*25mm ² copper wire
System Size	6.5 cbm
System Weight	4700 kgs
Container Capacity (20ft)	4 sets

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