

Off-grid Solar Home System

Model No.: GPSS-20000W



- ◆ 5~6 hours operating time daily
- ◆ 2 system autonomy days
- ◆ Ease of installation and operation
- ◆ Long life span
- ◆ Maintenance free
- ◆ Energy saving, **100kwh** electricity output maximally.

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	20000W
Rated Voltage	220Vdc
Rated Current	83A
Output Voltage	380Vac/220Vac/110Vac
Output Frequency	50Hz/60Hz
Autonomous days	2
System Efficiency	90%
Solar Panel	100*200w Mono or polycrystalline silicon module
Solar Controller	220V70A Intelligent solar controller
Solar Inverter	20kVA Pure sine wave inverter
Battery(optional)	110*2V1500Ah Maintenance-free Gel or AGM battery
Cable	60m 2*25mm ² copper wire

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