
Solar & Wind Hybrid System

Model: GPSWH-1000

System Description

A solar and wind hybrid system is a perfect choice to exploit both sun and wind resources at your place. You might be worried that there is long winter or frequent rainy days or incontinuous wind in your region, but a hybrid system could just solve your concerns, it brings you with a good solution for providing a balanced supply of power throughout the seasons and to take various climates. We could design the optimal hybrid system for you based on your local sun and wind resources, and provide you with whole packaged system, and it, in practical, could let you enjoy easily the great benefits of Mother Nature, and no much maintenance is needed.



Applications

- Village power (basic necessity)
- Resorts / hotels / back packers power supply
- Schools
- Health centers & Nursing stations
- Rural government stations
- Refrigeration
- Telecommunication

Technical Specification

Item	Name	Description
Components	Wind Turbine	400W24V 3 phases magnetic wind generator
	Solar Panel	600W Solar Panel
	Solar& Wind Hybrid Controller& Inverter	24V30A controller, with 1000VA sine wave inverter hybrid
	Battery	4 pieces of 12V200Ah gel battery
	Solar Brackets	Ground Installation/Rooftop Installation
	Guyed cable Pole	6m(2*3m)guyed cables with accessory
System Specification	System Voltage	24Vdc
	PV Charge Current	25A
	Rated Output Capacity	1000VA
	Output Voltage	220V/110V
	Output Frequency	50Hz/60Hz
	System Efficiency	>90%
	Average electricity output/day	4kwh (estimated under 5 valid sunlight hours, with wind speed of 6m/s)
Packing Details	wind turbine & blade box	1030*590*150mm/38kgs
	solar panel	1071*543*36mm*8/56kgs
	Solar& Wind Hybrid Controller& Inverter	470*420*240mm/16kgs
	Battery	(244*522*240mm)*4/58kgs*4
	Solar Brackets	depending
	Guyed cable Pole	2100*100*100mm/25.5kgs