

Solar&Wind Hybrid System

Model No.: GPSWH-3000

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 worry about 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 bring 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 from 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	2000W48V 3 phases magnetic wind generator
	Solar Panel	600W solar panel
	Solar&Wind Hybrid Controller	DC48V30A wind&solar hybrid controller
	Inverter	3000VA sine wave inverter
	Battery	8 pieces of 12V200Ah gel battery
	Solar Brackets	Ground Installation/Rooftop Installation
	Guyed cable Pole	9m(3*3m)guyed cables with accessory
System Specification	System Voltage	48Vdc
	PV Charge Current	30A
	Rated Output Capacity	3000VA
	Output Voltage	220V/110V
	Output Frequency	50Hz/60Hz
	System Efficiency	>90%
	Average electricity output/day	11kwh (estimated under 5 valid sunlight hours, with wind speed of 5m/s)
Packing Details	wind turbine	720*380*490mm/55kgs
	Blades	2100*360*230mm/39kgs
	solar panel	(1325*809*35mm)*4/15kgs*4
	Solar&Wind Hybrid Controller	490*270*220mm/15kgs
	Inverter	500*325*430mm/30kgs
	Battery	(244*522*240mm)*8/58kgs*8
	Solar Brackets	depending
	Guyed cable Pole	3060*450*350mm/129kgs
	Accessory	750*590*270mm/54kgs