
Solar&Wind Hybrid System
Model No.:GPSWH-400

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 about that there is long winter or frequent rainy days or uncontinuous 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 a 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
- Rural government stations
- Refrigeration
- Telecommunication

Technical Specification

Item	Name	Description
Components	Wind Turbine	300W12V 3 phases permanent magnetic wind generator
	Solar Panel	90W monocrystalline silicon Solar Panel
	Solar&Wind Hybrid Controller&Inverter	DC12V10A controller with 300VA sine wave inverter hybridized
	Battery	2 pcs of 12V150Ah gel battery
	Solar Brackets	Ground Installation/Rooftop Installation
	Guyed cable Pole	6m(2*3m)guyed cables with accessory
Specification	System Voltage	12Vdc
	PV Chrage Current	10A
	Rated Output Capacity	300VA
	Output Voltage	220V/110V
	Output Frequency	50Hz/60Hz
	System Efficiency	>90%
	Average electricity output/day	2kwh (estimated under 5 valid sunlight hours,with wind speed of 5m/s)
Packing Details	Wind turbine box	1030*590*150mm/38kgs
	Solar panel box	1200*600*50mm/10kgs
	Solar&Wind Hybrid Controller&Inverter box	450*400*220mm/10kgs
	Battery box	(240*532*207mm)*2/47kgs*2
	Solar Brackets box	depending
	Guyed cable Pole	2100*100*100mm/25.5kgs