1000W wind&solar hybrid controller &invert-----material object photo

Product Feather：

This machine adopts the world's newest PWM technology,in the process of battery DC voltage into 220V voltage , using pulse width ways to keep the output voltage and frequency stability, this machine is completely different from the traditional transformer &three transistor and the two generation product ring ox & module type. This machine has many advantages.

♠ Advanced technology guarantee of environmental protection and energy saving. Many currently on the market of the inverter power supply basically adopts high power transistor or module, no-load loss current is generally a few amperes, and the machine no-load loss current only0.1 amperes, this one index to rely on battery power supply area users importance and economy it is self-evident.

♠ This machine uses the PWM technology of NC function, set up a battery voltage too high shutdown, automatic shutdown, charging full inverter discharge low voltage protection, overload and short circuit protection, battery reverse protection function.

♠ This machine is arranged inside the phase-shift drive circuit, output waveform to a **pure sine wave**.

♠ Circuit having automatic frequency stabilization, automatic voltage stabilizing function, a battery voltage drop, AC output voltage automatically adjust upward, maintained in the 220V, this feature allows the output voltage in the battery voltage and

load changes can remain stable.

♠ Machine provided with a dual socket, a socket three for the use of different appliances, panel set charge, inverter, under voltage, overload protection indicator stick out a mile, working condition.

Application Areas:

♠ Stand alone wind/solar hybrid power station

♠ Stand alone domestic household wind/solar hybrid power system

♠ GSM base stations, expressway and other no-residential regions.

♠ Coastal islands, remote mountainous, border posts for regions shortage of or without electricity.

♠ Government demonstration projects, landscape lighting project, street light project etc.

Warm Prompts:

Customers, who will order the wind/solar hybrid street light controllers, need to provide the following information:

♠ Rated battery voltage

♠ Rated solar power

♠ Rated wind turbine power

♠ Whether the wind turbine is three phase AC output, single phase DC output or single phase AC output.

♠ Whether output is single phase or three single phase

♠ Rated output capacity: rated output voltage, rated output frequency of the inverter.

♠ The load characteristic: Resistive load or Inductive load.

♠ With or without by-pass function: Customers should provide rated voltage and frequency of AC input if they need it.

Technical parameters:

Product model	DWSCI103-24	DWSCI103-48
Wind power generator rated power input	1000W	
Rated input power solar	300W	

Battery rated voltage	24V	48V
Wind maximum input current	40A	20A
Wind maximum input power	1500W	
Discharge start voltage	31V	62V
Over charge recovery charging voltage	25.2V	50.4
The inverter output rated capacity	1000VA	
Rated output voltage	110/120/220/230/240 VAC	
Rated output frequency	50/60 Hz±0.05Hz	
Dynamic response	5%	
Inverter efficiency	≤90	
No load loss	0.1A±0.05A	
The inverter input over voltage protection	32V	64V
Overload, short circuit protection	＞1100VA	
Battery discharge protection voltage	20V	40V
Insulation class	A	
Display mode	Voltmeter, ammeter + LED status indicator	
Display content	The battery voltage, the charging current, AC output voltage and various state LED instructions	
The use of the environment	Dry, clean, ventilated, free of flammable, explosive, corrosive gas	
Ambient temperature	-10°～+40°C	
Relative humidity	≤90	
The use of time	Long term continuous (as the battery capacity decisions)	
Weight (Kg)	About 24Kg	
Machine size	Net size：485*485*180mm	
In order to better serve customers, our company can be adjusted according to customer requirements and configuration parameters.		

Note: the company reserves the right to change of products, product update without notice.