

## EEWSI Series

# 1000W Integrated Inverter&Controller Off-grid Single Phase



## Applications

This product can be applied to household off-grid system and power supply for the coastal islands.

## Features

- Wind&solar hybrid, controller and inverter integrated machine
- Industrial frequency isolation. Safe and reasonable
- Complete protection functions
- Comply with the CE certification

## Technical Parameters

Model	WWSI1010-48
<b>Wind Turbine Input</b>	
Rated input power	1000W
Input voltage range	0~64V
Rated input current	21A
Brake by hand	Turn on the brake switch,and it will unload completely. Then, it need be recovered by manual operation
Brake by over current	21A
Brake by overvoltage	Refer to "output overvoltage" control
<b>PV input</b>	
Rated input power	300W
Max. Open circuit voltage	96V
Rated input current	7A
<b>Charge Parameters</b>	
Rated battery voltage	48V
Output overvoltage point	58V
<b>AC Output</b>	
DC input voltage range	43.2V~68V

Undervoltage recovery point	Refer to "rated battery voltage"
Rated output power	1000VA
Rated output voltage	110/120/220/230/240V
Rated phase number	Single phase
Rated output frequency	50/60±0.5Hz
THDi	<5%
Max. conversion efficiency	≥85%
Overload protection	120% rated DC output -1min,150% rated DC output -10s
<b>General Parameters</b>	
Display mode	LCD
Display information	Battery voltage, charge current, brake display, battery overvoltage/undervoltage, overload, load short circuit, and equipment overheat status.
Isolation mode	Industrial frequency isolation
Static loss	≤0.5A
Protection function	Lightning protection; Wind turbine: manual brake, automatic brake; PV:PV reversed connection protection, reversed charging protection; Battery: battery reversed connection protection, overvoltage protection; overload protection, short circuit protection, overheating protection; and so on.
Ambient temperature	-20°C ~ +40°C
Humidity	0~90%, No condensing
Noise	≤65db
Cooling mode	Forced air cooling
Cover protection class	IP20
Product dimension (W*H*D)	344*165*402 mm
Product net weight	15kg
<b>Note: Part of parameters can be adjusted according to customer's specific demand.</b>	