

EEWSI Series

600W 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	WWSI0610-24
Wind Turbine Input	
Rated input power	600W
Input voltage range	0~32V
Rated input current	25A
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	25A
Brake by overvoltage	Refer to "output overvoltage" control
PV input	
Rated input power	180W
Max. Open circuit voltage	48V
Rated input current	8A
Charge Parameters	
Rated battery voltage	24V
Output overvoltage point	29V
AC Output	
DC input voltage range	21.6V~34V

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
General Parameters	
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	≤0.8A
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
Note: Part of parameters can be adjusted according to customer's specific demand.	