

EEWI Series

1KVA Pure Sine Wave Power Inverter Off-grid Single Phase



Applications

- Application in wind, Solar, Wind&Solar hybrid power generation station.
- Application in household wind&solar hybrid power generation system.
- Power supply for those unmanned regions like the coastal islands, remote mountainous regions and border posts.

Features

- Can be applied in wind, solar, wind&solar hybrid power generation system
- Simple structure, complete function
- Low no-load loss by using industrial frequency transformer
- Complete protection and alarm functions
- Comply with the CE certification

Technical Parameters

Model	EEWI10-24	EEWI10-48
DC Input Parameters		
Rated battery voltage	24Vdc	48Vdc
Input overvoltage point	34Vdc	68Vdc
Input overvoltage recovery point	33Vdc	66Vdc
Input undervoltage point	21.6Vdc	43.2Vdc
Input undervoltage recovery point	24Vdc	48Vdc
AC Output Parameters		
Output phase number	Single phase	
Rated output power	1KVA	
Rated output voltage	110/120/220/230/240Vac	
Rated output frequency	50/60±0.5HZ	
THDi	<4%	
Efficiency		
Max. conversion efficiency	≥85%	

Protection Functions	
DC input overvoltage/ undervoltage protection	YES
DC reversed connection protection	YES
AC output overload protection	YES
AC short circuit protection	YES
Surge protection	YES
Over-temperature protection	YES
General Parameters	
Display mode	LCD
Display information	Battery voltage, AC output voltage, and working status of battery overvoltage/undervoltage and AC output overload/short circuit.
Isolation mode	Industrial frequency isolation
No-load current	$\leq 0.8A$ $\leq 0.4A$
Environment temperature	-20°C ~ +40°C
Humidity	5%~95%, No condensing
Noise	<60dB
Cooling mode	Natural cooling
Cover protection class	IP20
Product dimension(W*H*D)	160×200×400mm
Product net weight	12kg
Note: the listed specs are just for your reference	