

EEWI Series

10KVA 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
- RS232/RS485/GPRS optional (Those with GPRS can also be monitored through App.)
- CE certification

Technical Parameters

Model	EEWI100-120	EEWI100-240
DC Input Parameters		
Rated battery voltage	120Vdc	240Vdc
Input overvoltage point	170Vdc	340Vdc
Input overvoltage recovery point	165Vdc	330Vdc
Input undervoltage point	108Vdc	216Vdc
Input undervoltage recovery point	120Vdc	240Vdc
AC Output Parameters		
Output phase number	Single phase	
Rated output power	10KVA	10KVA
Rated output voltage	110/120/220/230/240Vac	
Rated output frequency	50/60 ±0.5HZ	
THDi	<5%	
Efficiency		
Max. conversion efficiency	≥85%	

Protection Functions	
DC input overvoltage 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, inverter voltage, inverter current, inverter power, and working status of battery overvoltage/undervoltage and AC output overload/short circuit.
Monitoring mode(optional)	RS232/RS485/GPRS
Monitoring Contents	Real-time display: Battery voltage, inverter voltage, inverter current, inverter power, and working status of battery overvoltage/.undervoltage and AC output overload/short circuit. Parameter setting: overvoltage point, overvoltage recovery point, undervoltage point, and undervoltage recovery point.
Isolation mode	Industrial frequency isolation
No-load current	$\leq 1.5A$ $\leq 0.5A$
Environment temperature	$-20^{\circ}C \sim +40^{\circ}C$
Humidity	5%~95%, No condensing
Noise	<60dB
Cooling mode	Natural cooling
Cover protection class	IP20
Note: the listed specs are just for your reference	