



LI Series Off-grid Single-phase Inverter

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	WI100-96	WI100-120	WI100-240	WI200-240	WI300-240
DC Input Parameters					
Rated battery voltage	96Vdc	120Vdc	240Vdc	240Vdc	240Vdc
Input overvoltage point	136Vdc	170Vdc	340Vdc	340Vdc	340Vdc
Input overvoltage recovery point	132Vdc	165Vdc	330Vdc	330Vdc	330Vdc
Input undervoltage point	86.4 Vdc	108Vdc	216Vdc	216Vdc	216Vdc
Input undervoltage recovery point	96Vdc	120Vdc	240Vdc	240Vdc	240Vdc
AC Output Parameters					
Output phase number	Single phase				
Rated output power	10KVA	10KVA	10KVA	20KVA	30KVA
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	≤1.5A	≤1.5A	≤0.5A	≤0.9A	≤1.5A
Environment temperature	-20℃ ~+40℃				
Humidity	5%~95%, No condensing				
Noise	<60dB				
Cooling mode	Forced air cooling				
Cover protection class	IP20				
Product dimension(W*H*D)	500×725×500mm			600×1180×600mm	
Product net weight	78.5kg		200kg	260kg	
Note: Part of parameters can be adjusted according to customer's specific demand.					