

Home Inverter

600W~3500W



1600W~3500W



600W~1000W

The Home Inverter is not only an inverter but also contains a powerful smart charger. It is an extremely good choice for utility back up power, providing a pure sine wave power to all equipments. However, it also can be used as a UPS for computers.

An inverter, charger and switching box can be replaced with a single Home Inverter.



Features

- Reliable, Durable and Economical Power for Grid and Mobile Applications
- Microprocessor based Inverter / Charger provides
- Ultra-clean pure sine wave output with less than 5% total harmonic distortion
- Supply energy to various loads such as resistive load, inductive load, motors and rectifier load.
- Control panel with large LCD
- Powerful 300% surge power
- Low sleep mode power consumption of less than 5W
- Phase & frequency synchronization auto-tracing for seamless transfer time
- Programmable big current, 3 stages battery charger
- Long backup time up to 10 hours (based on the battery bank and loads).
- Easy to install, easy to maintain, and built for years of reliable service



Specifications

MODEL	600W	1000W	1600W	2500W	3500W
DC INPUT					
Nominal Input Voltage	12V		24V		
DC Input Voltage Range	10~14V		20V~30V		
No battery (AC normal)	No		Working in AC mode		
AC INPUT					
Input voltage range	155V~280V for 220V				
Nominal Input Frequency	50Hz / 60Hz (Auto detection)				
Generator	Yes				
OUTPUT					
DC mode output voltage	220V ± 6%				
AC mode output voltage	180~ 245V for 220V				
Nominal output Frequency	50Hz/60Hz ± 0.3Hz				
Output waveform	Pure sine wave				
Maintenance Bypass	No		Yes		
Continue power	600W	1000W	1600W	2500W	3500W
Surge protection	1800W	3000W	4800W	7500W	10500W
Efficiency	>80%				
Power save mode	No		<20W load		
Power consumption in Power save mode	No		5W		
Transfer Time	10 ± 4ms		16 ± 4ms		
Power Factor	0.8 ~ 1.0				
THD	<5%				
Inductive Load	Yes				
Motor Load	Yes				
Rectifier Load	Yes				
BATTERY CHARGE					
Adjustable Charge current	10~30A	10~40A	10~40A	10~70A	
Adjustable Charge voltage	14V		26~30V	26V~30V	
Manner of charging	3 Stages-Bulk, Boost, Float				
Reverse connecting protection	Fuse protection		Fuse protection with LED warning		
GENERAL					
Human machine interface	LCD & LED & Buzzer				
Operating temperature	0°C~40°C				
Operating humidity	5%~95%RH				
Forced Air Cooling	Variable Speed fans				
Shipping Weight (kg)	11.00	15.00	22.0	24.0	29.0
Dimensions (mm) WxDxH	264x292x139	264x292x159	310x447x208		310x478x208
Packing (mm) WxDxH	345x370x225	345x370x240	405x602x294		405x633x291

● All specifications subject to change without notice.
● Custom-made specifications are acceptable