

HD Series 500~2000VA

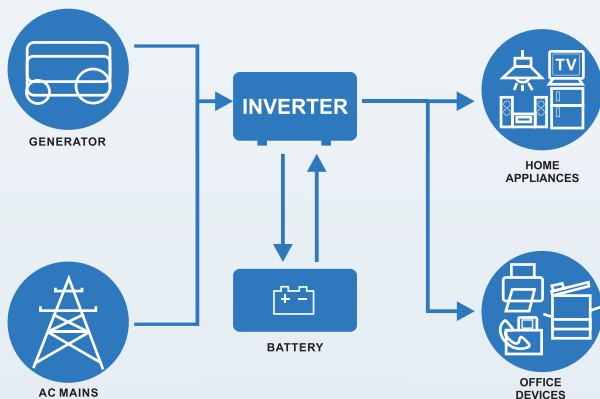


The HD500–2000VA series inverter/charger system converts DC power to AC power with amazing transfer efficiency. With the continuous output and compact design, the HD is excellent for home and office environment. Appliances such as TVs, stereos, desktop or laptop computers and others can be connected to HD for the uninterrupted power.

Features:

- ◆ HD Series AC charging Inverter.
- ◆ Built-in enhanced AC charger.
- ◆ Selectable Input voltage ranges/AC charging current.
- ◆ Intelligent 3-stage charger control for efficient charging and preventing overcharger.
- ◆ LCD+LED display.
- ◆ Auto restart upon AC recovery.
- ◆ Multiple protections: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection.

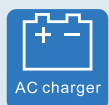
Application:



Home



Office



AC charger



LCD/LED display



89%
Efficiency

Specifications

Modified sine wave charger Inverter

Model	HD500-12	HD1000S-12	HD1000-12	HD2000-24
Power Rating	500VA/330W	1000VA/660W	1000VA/800W	2000VA/1400W
AC Input	Input Voltage Waveform Sinusoidal(utility or generator) Nominal input Voltage 230VAC Selectable Voltage Range 165-270Vac±4%(Narrow Range), 85-270Vac±4%(Wide Range) Max AC input Voltage Max:270VAC Frequency 50Hz, 60Hz			
AC Output	Output Voltage Waveform Modified sine wave Voltage Regulation(Batt.Mode) 230VAC (+10% / -18%) Nominal Output Frequency (Hz) 50Hz or 60Hz (Auto detection) Transfer Time 15ms Typical, 20ms Max.			
AC Charger	Charging Algorithm 3-step charging Nominal Charger Current 15 Amp or 20Amp Selectable Floating Charging Voltage 13.7VDC Over charge Protection 16VDC			
				10Amp 27.4VDC 32VDC
Efficiency	Efficiency(Battery Mode) >87% Efficiency(Line Mode) >95%			
Battery Voltage	Nominal DC input Voltage 12VDC Low Battery Alarm 10.5VDC±0.3VDC Low DC input shut-down 10VDC±0.3VDC High DC inputAlarm & Fault 16VDC±0.3VDC			
				24VDC 21VDC±0.6VDC 20VDC±0.6VDC 32VDC±0.6VDC
System Parameter	Protections Low battery, over charging, over load, over temp Indicators LCD+LED Display Over-Load Protection 1min Load >110%,20s Load >120%,0s Load >150%			
General Specifications	Operating Temperature Range 0°C to 40°C Storage Temperature -15°C~60°C cooling Forced air,variable speed fan Dimension(L*W*H) 276.7*245*97mm Net Weight(kg) 1.8kg 2.1kg 2.2kg 2.6kg			

◆ Product specifications are subject to change without further notice.