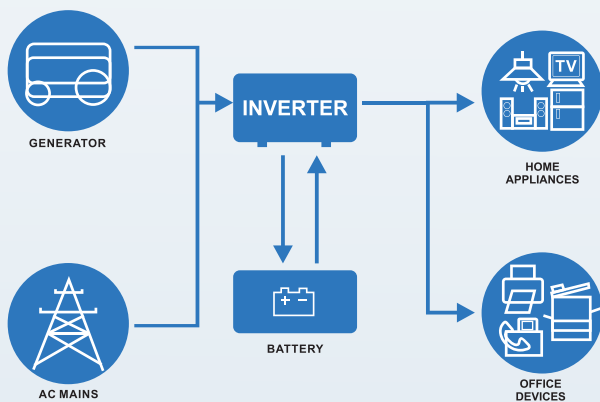


# HDP Inverter Series



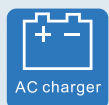
## Application:



Home



Office



AC charger



LCD/LED display



89%  
Efficiency

HDP supplies power from AC power and DC source. When AC cable is connected to a wall socket, utility power goes to connected equipment(s) and/or charges the battery mode, HDP automatically converts battery energy into AC power for backing up the connected devices.

## Features:

- ◆ Automatic line-to-battery switchover.
- ◆ Configurable Input voltage ranges via LCD setting.
- ◆ High efficient DC-to-AC conversion, minimizing energy loss.
- ◆ Rack design & wall-mounted design for flexible installation.
- ◆ Built-in enhanced charger.
- ◆ Intelligent 3-stage charger control for efficient charging and preventing overcharge.
- ◆ Auto restart while AC recovery.
- ◆ User-friendly LCD+LED indications.
- ◆ Multiple protection: low battery alarm, low battery shutdown, over charger protection, overload protection, over temperature protection, short circuit protection.

# Specifications

## Home Solar Inverter with PWM SCC

Model	HDP 1000-12	HDP 1200-12	HDP 2000-24	HDP 2200-24
<b>CAPACITY</b>	VA/W	1000VA/800W	1000VA/1000W	2000VA/1600W 2200VA/1800W
<b>BATTERY</b>	VDC	12DC		24DC
<b>AC Input</b>	Nominal input Voltage Selectable Voltage Range		230VAC 170-280VAC (Narrow Range);90-280VAC (Wide Range)	
<b>AC Output</b>	Output Voltage Waveform Voltage Voltage Regulation (Batt.Mode) Nominal Output Frequency (Hz)		Modified sine wave 230VAC 10% / -18% ±1HZ	
<b>Battery &amp; Charger</b>	Charger Current Overcharge Protection	20Amp 16V		15Amp 32V
<b>Transfer Time</b>	Typical		15ms Typical, 40ms Max.	
<b>Efficiency</b>	AC to AC DC to AC		>95% >80%	
<b>Display Indicator</b>	AC Mode Battery Mode Battery Charging Mode Fault		Display output power, output voltage The mark  will flicker every 1second. Display the Battery capacity Display fault	
<b>Audible Alarm</b>	Low Battery at Battery Mode Overload Fault		Sounding every 2 seconds Sounding every 0.5 second Continuously sounding	
<b>Environment</b>	Operating Temperature Range Storage Environment Noise Level		0- 50°C, 5%-90 % relative humidity (non-condensing) - 15°C to 55°C, 5% to 95% humidity (non-condensing) Less than 50dB	
<b>Physical</b>	Dimension(L*W*H)		280*95*250mm	
<b>Protection</b>	Full Protection Net Weight(kg)	2.16kg	Discharge, overcharge, overload, over temperature protection. 2.46kg	2.38kg 2.38kg

◆ Product specifications are subject to change without further notice.