

HDP Inverter Series

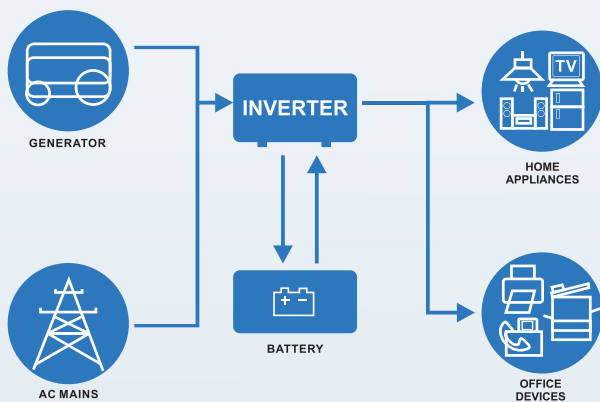


HDP supplies power from AC power and DC source. When AC cable is connected to a wall socket, utility power goes to connected equipment(s) and/or charges the battery mode, HDP automatically converts battery energy into AC power for backing up the connected devices.

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.

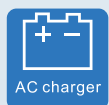
Application:



Home



Office



AC charger




LCD/LED display



89%
Efficiency

Specifications

Home Solar Inverter with PWM SCC

Model	HDP 1000-12	HDP 1200-12	HDP 2000-24	HDP 2200-24
CAPACITY	VA/W	1000VA/800W	1200VA/1000W	2000VA/1600W 2200VA/1800W
BATTERY	VDC	12DC		24DC
AC Input	Nominal input Voltage Selectable Voltage Range		230VAC 170-280VAC (Narrow Range);90-280VAC (Wide Range)	
AC Output	Output Voltage Waveform Voltage Voltage Regulation (Batt.Mode) Nominal Output Frequency (Hz)		Modified sine wave 230VAC 10% / -18% ±1HZ	
Battery & Charger	Charger Current Overcharge Protection	20Amp 16V		15Amp 32V
Transfer Time	Typical		15ms Typical, 40ms Max.	
Efficiency	AC to AC DC to AC		>95% >80%	
Display Indicator	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	
Audible Alarm	Low Battery at Battery Mode Overload Fault		Sounding every 2 seconds Sounding every 0.5 second Continuously sounding	
Environment	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	
Physical	Dimension(L*W*H)		280*95*250mm	
Protection	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.