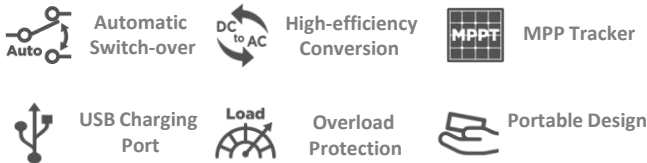


CPSHB300ETR

Solar Hybrid Inverter

All-In-One Power Solution for Home & Office Appliances



CyberPower Solar Hybrid Inverter converts renewable solar energy from solar panels into usable AC power for powering household and commercial appliances. It can also store DC power from the panel into built-in and/or external batteries as emergency backup power when the public grid is not available.

With two powerful USB ports supporting up to 2A charging current, the rapid and convenient charging for your USB-enabled devices is guaranteed. The inverter comes with a compact design and IP43 rating, which helps to simplify the installation process and ensures suitability for outdoor use.

With Green thinking in mind, CyberPower is always in the lead in providing the most pioneering energy-saving solution.

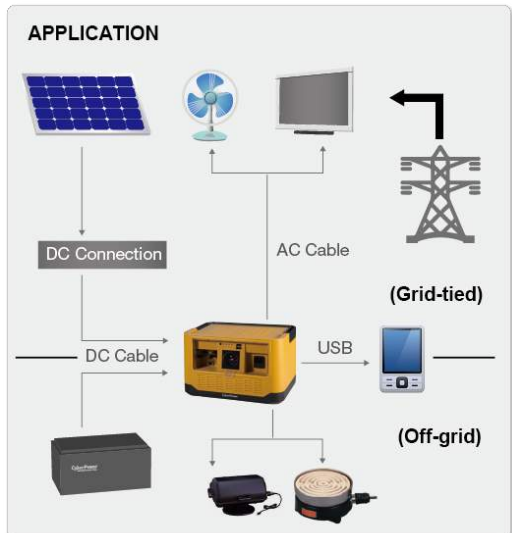


APPLICATIONS

- Home and Home Office
- Small Office
- Camping

SERIES FEATURES

- Pure Sine Wave Output
- Galvanic Isolation (Transformer Type)
- Self-consumption and Standalone Application (Green Energy and Emergency Backup Power)
- High Efficiency up to 92%
- Natural Cooling Convection
- USB Charger Function
- Compatible with External Batteries
- Portable Device and Outstanding Appearance
- Compliant for Outdoor Application



TECHNICAL SPECIFICATIONS

Model	CPSHB300ETR
Solar input (DC)	
Maximum input voltage	50Vdc
MPPT voltage range (rated power)	34 ~ 38Vdc
Operating voltage range	28 ~ 48Vdc
Maximum input current	9A
Maximum input power	310W
MPP tracker	1
Grid input (AC)	
Rated voltage	230Vac
Maximum current (Bypass to load with fuse protected)	6A
Rated frequency	50/60Hz
Standalone output (AC)	
Mains output voltage	230Vac
Nominal output current	1.3A
Rated output power	240W
Maximum apparent output power	300VA
Rated frequency	50/60 Hz
Power factor	0.8
Output voltage THD	Less than 5%
Overload capacity	105~125%, 1 minute
	125~150%, 30 seconds
	>150%, immediately
USB Charger	
Output voltage	5V
Max. charging current (per port / total)	2A / 2A
Number of charging port	2
Battery input (DC)	
Battery type	VRLA rechargeable battery
Battery nominal voltage	24Vdc (12Vdc * 2)
Battery capacity	9Ah
Charge current from PV	1/3/5/7/9A
Charge from AC	27V/0.5A
General	
Maximum efficiency	92%
Enclosure protection degree	IP43
Isolation	Transformer
Operating temperature	-10°C to 60°C (de-rating above 40°C)
Storage temperature	-20°C to 60°C
Relative humidity	0 ~ 95 % (non-condensing)
Maximum operating altitude	2000m
Dimensions (W x H x D, mm)	292 x 186 x 202
Weight	9kg
Certificate	IEC62109-1/-2 IEC62040 IEC61000-6-1 IEC61000-6-3

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