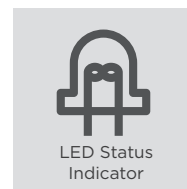
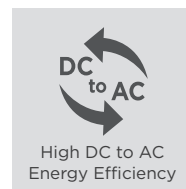
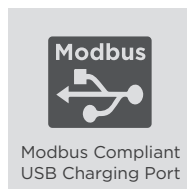
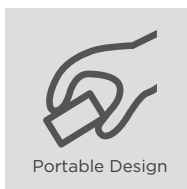
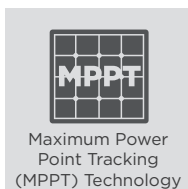
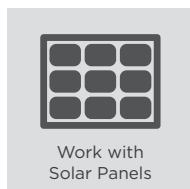




RENEWABLE POWER ON-THE-GO



The portable hybrid PV inverter has internal batteries to offer continuous power anytime, anywhere

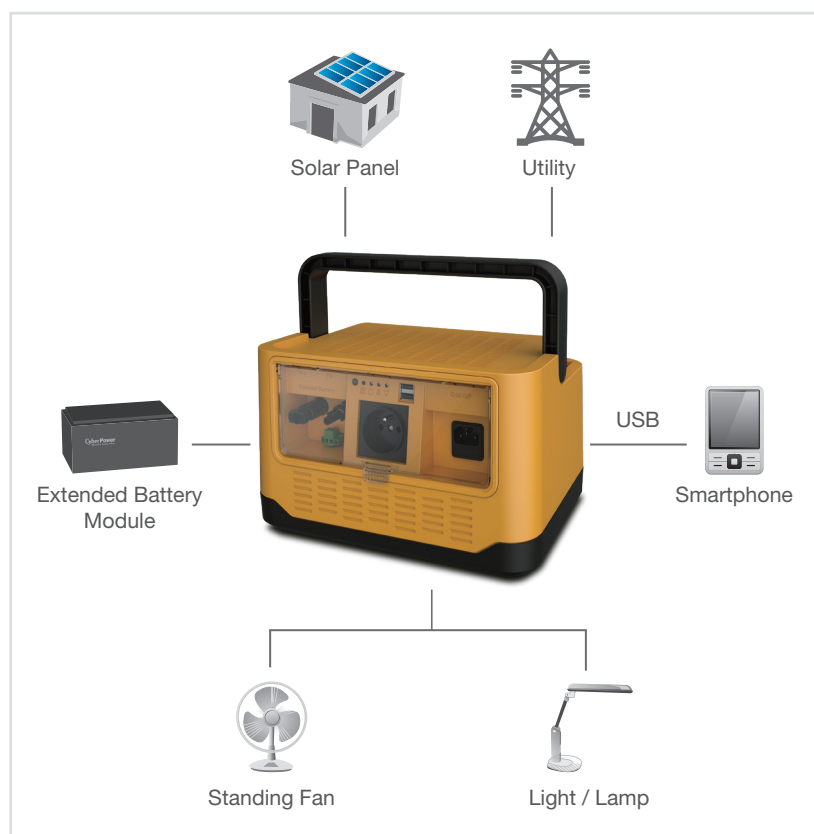
Ideal for homes and camping, the Hybrid PV Inverter Series works with solar panels, generators and utility power to provide Pure Sine Wave power, keeping various electronic devices powered on through any situation. This standalone power supply can store energy into built-in and external battery packs. When the public grid is not available, the products can switch to battery mode to provide continual power. The products ensure maximum energy yield from solar panels, and with built-in USB charging ports to power your mobile devices anywhere.

APPLICATION

- Home
- SOHO Office
- Office
- Remote House
- Vehicles
- Ships/Boats

SERIES FEATURES

- Work with Solar Panels
- Maximum Power Point Tracking (MPPT) Technology
- Portable Design
- Modbus Compliant USB Charging Port
- High DC to AC Energy Efficiency
- LED Status Indicator
- Natural Cooling Convection





TECHNICAL SPECIFICATIONS

Model Name	CPSHB300ETR
General	
Phase	Single Phase
Topology	HF Transformer
PV Input	
Nominal Input Power (Watts)	310
Maximum Input Voltage (Vdc)	50
Input Operation Voltage Range (Vdc)	28 - 48
Maximum MPPT Current (A)	9
Input MPPT Voltage Range (Vdc)	34 - 38
Efficiency MPPT (%)	99%
Number of MPPT String Inputs	1
Number of MPPT	1
Grid Input & Output	
Voltage Range (Vac)	176 - 264.5
Frequency Range (Hz)	47 - 63
Maximum Bypass Current (A)	3
Standalone Output	
Output Voltage (Vac)	230
Output Frequency (Hz)	50, 60
Maximum Output Current (A)	1.3
Maximum Output Power (W)	240
Maximum Apparent Output Power (VA)	300
Power Factor	0.8
Harmonic Distortion	THD < 5%
Outlet Type (Socket)	FR x 1
USB Charging Port(s) (Port)	2
Battery	
Maximum Charging Current (A)	9
Battery Type	Sealed Lead-acid, Lithium-ion
Battery Quantity (pcs)	2
Battery Voltage (V)	24
Single Battery Capacity (AH)	12 V 9 AH
Performance	
Maximum Efficiency (%)	92%
Management & Communications	
LED Indicators	Yes
Physical	
Enclosure Construction	Plastic
Color	Yellow
Physical Size	
Dimensions (WxHxD) (mm.)	292 x 186 x 202
Weight (kg.)	8.6
Environmental	
Operating Temperature (°C)	-10 - 50
Operating Relative Humidity (Non-condensing) (%)	0 - 95
Cooling Method	Natural Convection
Certifications	
Certifications*	IEC 61000-6-1, IEC 61000-6-3, IEC62040-1, IEC 62109-1/2
RoHS	Yes

*Certifications may vary according to different regions. Visit www.cyberpower.com for more information.
 #All specifications are subject to change without notice.