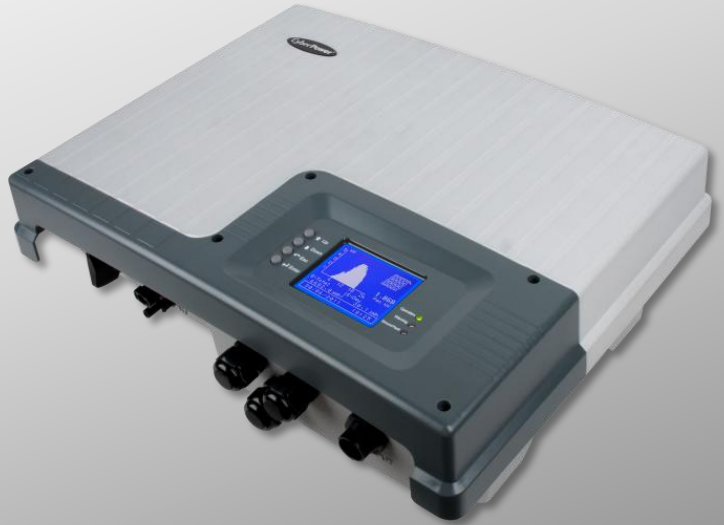


CPSPV2000/3000/3600ETL

Grid-Tied Inverter

Transforms the Solar Energy to Your Daily Life!



Dual
MPP Trackers

High
Efficiency

Three-Phase
Transformerless

Enclosure Rating
IP65

Metering/
Data Logging

Real-Time
LED/LCD Display

CyberPower Grid-Tied PV Inverter is designed to convert solar electric (photovoltaic or PV) power into utility-grade electricity that can be fed into commercial grid or used by local/off-grid electrical network. The transformerless design not only demonstrates its market-leading safety performance but ensures users can be benefited from the maximum 97.8% conversion efficiency. With the built-in MPPT tracker, the algorithm creates a nearly-perfect 99.9% tracking efficiency to ensure maximum energy yields so that you won't miss a single drop on every solar power generated!

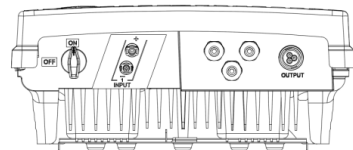
The sealed inverter section achieves enclosure rating IP65 for protection from water and dust damages so that makes it perfect for outdoor application regardless of any strict conditions. Through the multi-language LCD display, it could provide system status update and daily cumulative information including data logger, multi meter and energy record for better user experience and monitoring management even after sunset!

APPLICATIONS

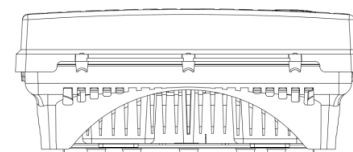
- Grid-tied PV System
- Residential / commercial Application

SERIES FEATURES

- High Efficiency up to 97.8%
- Maximum Power Point Tracking Technology
- Transformerless Design
- Natural Cooling Convection
- Adjustable Reactive Power(0.8 Lag - 0.8 Lead)
- Wide Operation Range
- Complete LED / LCD indication for operating status
- Metering and Data Logging
- IP65 Compliant for Outdoor Application



Front



Back



Multi-language LCD Display

The innovative front panel displays vital information including: wattage, voltage, frequency, status and events. Intuitive graphical with 10 years data-logger and real-time clock ensures a better user experience for monitoring.

TECHNICAL SPECIFICATION

Model	CPSPV2000ETL	CPSPV3000ETL	CPSPV3600ETL
Solar input (DC)			
Maximum input voltage	550 V		
Input MPPT voltage range	175 ~450 V	210 ~450 V	250 ~450 V
Input operation voltage range	100 ~550 V		
Maximum input current	12.0 A	15.0 A	15.0 A
Nominal input power	2160 W	3240 W	3880 W
Efficiency MPP tracker (static/dynamic)	99.9% / 99.8%		
Number of MPPT trackers	1		
Number of string inputs	1		
Grid output (AC)			
Mains output voltage range	184Vac to 276Vac single phase (According to country setting)		
Maximum output current	10.0 A	14.5 A	16.0 A
Rated output power	2000 W	3000 W	3600 W
Maximum apparent output power	2200 VA	3300 VA	3600 VA
Mains output frequency	50 / 60 Hz (± 5%)		
Output power factor	0.8 over-excited ~ 0.8 under-excited		
Output current THD	Less than 3%		
Performance			
Maximum efficiency	97.50%	97.80%	97.80%
European efficiency	96.80%	97.30%	97.30%
Power feed (start-up) power	Less than 10 Watt		
Night time consumption	Less than 1 Watt		
Mechanical protection degree	IP65 (AC connector IP67)		
Topology	Transformer-less		
Environment			
Operating temperature	-20°C to 60°C		
Storage temperature	-20°C to 70°C		
Relative humidity	Maximum 100% (non-condensing)		
Maximum operating altitude	2000m		
Cooling method	Natural convection		
Other			
Display	Multi-language graphical display		
Communication	RS485, Ethernet (optional), WIFI (optional)		
Data log	10 years data-logger		
Standard	Safety: IEC 62109		
	Grid interface: VDE-AR-N 4105 / VDE0126-1 / UTE-C15-712-1		
	EMC: EN61000-6-2 / EN61000-6-3 / EN61000-3-2 / EN61000-3-3 / EN61000-3-11 / EN61000-3-12		
Warranty	5 years standard (option over 10 years)		

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