ComX Computers
Product Specification Sheet

CPS-OLS2000EC

CyberPower Online SC Series 2000VA Environmental Technology Online Stand Alone UPS

Product Overview

CyberPower Online SC Series 2000VA Environmental Technology Online Stand Alone UPS - 0ms Transfer Time, 3 Outputs, Overload Protection - 10 Mins Typical at Half Load







Specifications

Overview:

CyberPower OLS2000ECis a high-performance UPS featuring online double-conversion topology, which provides seamless pure sine wave power for mission-critical devices such as NAS and servers, DVRs/surveillance systems, transportation and infrastructure, and emergency systems. It's typically integrated in the back office, server room, and data center environment.

By manually setting the UPS to ECO Mode, the UPS automatically detects the input power quality and discerns whether it should operate in Line Mode or ECO Mode. Under poor power conditions, the UPS will run in Line Mode, which guarantees the highest level of protection and the best possible power quality. When the input power quality is acceptable, the UPS switches to ECO Mode, which increases the total output power efficiency by up to 96%.

The product is equipped with a Maintenance Bypass Switch. By flipping the switch, the power supply is safely transferred to utility. This allows service personnel to carry out fast on-site maintenance without having to shut down any connected equipment.

Features:

- Online (Double Conversion) UPS Topology
- Energy Saving Technology
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Surge and Spike Protection
- EMI and RFI Filtration
- LED Status Indicator
- PowerPanel Management Software
- Tower Form Factor

Specifications:

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Specifications	
Product Code	CPS-OLS2000EC
General	
UPS Topology	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 95%
Active PFC Compatibility	Yes
Input	
Generator Compatibility	Yes
Nominal Input Voltage (Vac)	230 +/- 10%
Input Voltage Range (Vac)	160 ~ 300
Adjustable Voltage Range (Vac)	0~50% Load for 110 ~ 300 Vac
	0~60% Load for 120 ~ 300 Vac
	0~80% Load for 140 ~ 300 Vac
	0~100% Load for 160 ~ 300 Vac
Input Frequency (Hz)	50 +/- 10
	60 +/- 10
Input Frequency Detection	Auto-sensing
Rated Input Current (A)	9
Input Power Factor	0.98
Input Connector Type	IEC C14
Detachable Power Cord Plug Type	IN/ZA
Power Cord Length (ft.)	5.9
Power Cord Length (m.)	1.8

Output	
Capacity (VA)	2000
Capacity (Watts)	1600
On Battery Waveform	Pure Sine Wave
On Battery Voltage(s) (Vac)	208 +/- 1%
	220 +/- 1%
	230 +/- 1%
	240 +/- 1%
Output Voltage Setting	Configurable
On Battery Frequency (Hz)	50 +/- 0.5%
	60 +/- 0.5%
Output Frequency Setting	Configurable
Power Factor	0.8
ECO Mode Voltage Tolerance	+/- 15 %
Overload Protection	Internal Current Limiting, Circuit Breaker, Fuse
Overload Protection (Line Mode)	110~120% Load for 1 min, >120% Load Immediately
Overload Protection (Battery Mode)	110~120% Load for 10 sec, >120% Load Immediately
Overload Protection (Bypass Mode)	>130% Load Immediately
Crest Factor	3 : 1
Harmonic Distortion (Linear Load)	THD< 3%
Harmonic Distortion (Non-linear Load)	THD< 5%
Internal Bypass	Automatic Bypass, Manual Bypass
Outlet(s) - Total	4
Outlet Type	Hardwire Terminal Block x 1
	IN/ZA x 3
Outlet(s) - Battery & Surge Protected	3
Typical Transfer Time (ms)	0
Battery	
Runtime at Half Load (min)	10
Runtime at Full Load (min)	3.5
Typical Recharge Time (Hours)	5
Maximum Charging Current (A)	1
Start On Battery	Yes
Smart Battery Management (SBM)	Yes
User-replaceable	No

Battery Type	Sealed Lead-acid
Battery Quantity (Each RBP) (pcs)	4
Battery Voltage (Each RBP) (V)	48
Single Battery Capacity (AH)	12 V 7 AH
Surge Protection & Filtering	
Surge Suppression (Joules)	440
EMI/RFI Filtration	Yes
Management & Communications	
LED Indicators	Power On, Line Mode, Battery Mode, Bypass Mode, Battery Capacity, Low Battery, Overload, UPS Fault, Replace Battery
Serial Port	RS232
Audible Alarms	Battery Mode, Low Battery, Overload, Overcharge, Overheat, UPS Fault, Replace Battery
Power Management Software	PowerPanel Business Edition
SNMP / HTTP Remote Monitoring	External Slot via RS232
Physical	
Form Factor	Tower
Enclosure Construction	Metal
Color	Black
Physical Size - UPS Module	
Dimensions (WxHxD) (in.)	5.94 x 8.86 x 15.51
Dimensions (WxHxD) (mm.)	151 x 225 x 394
Weight (lbs.)	31.6
Weight (kg.)	14.3
Shipping Dimensions	
Dimensions (WxHxD) (in.)	9.5 x 12.32 x 20.08
Dimensions (WxHxD) (mm.)	241 x 313 x 510
Weight (lbs.)	32.56
Weight (kg.)	14.8
Environmental	
Operating Temperature (degreesF)	32 ~ 104
Operating Temperature (degreesC)	0 ~ 40
Operating Relative Humidity (Non-condensing) (%)	20 ~ 90
Operating Elevation (feet/meters)	0-5, 000 feet (0-1, 500 meters)
Storage Temperature (degreesF)	-4 ~ 122
Storage Temperature (degreesC)	-20 ~ 50
Storage Relative Humidity (Non-condensing) (%)	10 ~ 90

Storage Elevation (feet/meters)	0-5, 000 feet (0-1, 500 meters)
Online Thermal Dissipation (BTU/hr)	666
Audible Noise at 1.5M from Surface of Unit (dBA)	45
Certifications	
Certifications	BIS
RoHS	Yes

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/CPS-OLS2000EC-CyberPower-Online-SC-Series-2000VA-Environmental-Technology-Online-p-169734.php

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