



Online S Series

OLS10000ERT6UM

Key Benefits

- For Enterprise Application
- Electricity Cost Savings
- Extended Battery Lifespan
- Scalable Runtime via EBM
- Compatible with Generator



ONLINE (DOUBLE
CONVERSION) UPS
TOPOLOGY



ENERGY SAVING
TECHNOLOGY



SMART BATTERY
MANAGEMENT (SBM)



MAINTENANCE BYPASS
SWITCH

Add to Compare

Download Datasheet

Where to Buy

Overview

Specification

Awards & Certification

Downloads

Support

Runtime Chart

GENERAL

Phase	Single Phase
UPS Topology	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 96%
Active PFC Compatibility	Yes
Parallel Expansion (Max. Units)	4

INPUT

Generator Compatibility	Yes
Nominal Input Voltage (Vac)	230
Input Voltage Range (Vac)	110 ~ 276
Adjustable Voltage Range (Vac)	0~80% Load for 110 ~ 276 Vac 0~100% Load for 176 ~ 276 Vac
Input Frequency (Hz)	50 ± 5 60 ± 6
Input Frequency Detection	Auto-sensing
Rated Input Current (A)	45.5
Input Power Factor	0.99
Input Connector Type	Hardwire Terminal Block

OUTPUT

Capacity (VA)	10000
Capacity (Watts)	9000
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 ± 0.1% 60 ± 0.1%
Output Frequency Setting	Configurable
Power Factor	0.9
ECO Mode Voltage Tolerance	± 10 %
Overload Protection	Internal Current Limiting , Circuit Breaker , Fuse
Overload Protection (Line Mode)	105~125% Load for 10 min, 125~150% Load for 1 min, 150~170% Load for 10 sec, >170% Load for 1 sec
Overload Protection (Battery Mode)	105~125% Load for 2 min, 125~150% Load for 30 sec, >150% Load for 1 sec
Overload Protection (Bypass Mode)	125~150% Load for 1 min, 150~170% Load for 10 sec, >170% Load for 1 sec
Crest Factor	3 : 1
Harmonic Distortion (Linear Load)	THD < 2%
Harmonic Distortion (Non-linear Load)	THD < 5%
Internal Bypass	Automatic Bypass , Manual Bypass
Maintenance Bypass	Yes
Outlet(s) - Total	1
Outlet Type	Hardwire Terminal Block x 1
Typical Transfer Time (ms)	0

BATTERY

Runtime at Half Load (min)	11
Runtime at Full Load (min)	4
Typical Recharge Time (Hours)	7
Maximum Charging Current (A)	4
Start On Battery	Yes
Smart Battery Management (SBM)	Yes
User-replaceable	No
Battery Type	Sealed Lead-acid
Single Battery Capacity (AH)	12 V 9 AH
Extended Battery Module (EBM)	BPSE240V75ART3UOA
Max. EBM Quantity (pcs)	15

SURGE PROTECTION & FILTERING

Surge Suppression (Joules)	445
EMI/RFI Filtration	Yes

MANAGEMENT & COMMUNICATIONS

LCD Panel	Yes
LCD Information Display	Operation Type , Power Status , Battery Status , Load Status , Fault & Warning , Other Information , Event & Log
LCD Setting & Control	Mode Setting , Alarm Setting , Input & Output , Battery Setting , Fault & Warning , Communication , Event & Log , Security Setting
LED Indicators	Line Mode , Battery Mode , Bypass Mode , UPS Fault
HID Compliant USB Port(s)	1
Serial Port	RS232
Dry Contact (with Relay)	Optional
Emergency Power Off (EPO) Port	Yes
Audible Alarms	Battery Mode , Low Battery , Overload , Overcharge , Overheat , UPS Fault
Management Cable (pcs)	USB Cable x1
Power Management Software	PowerPanel® Business Edition
SNMP/HTTP Remote Monitoring	Yes - with optional RMCARD205

PHYSICAL

Form Factor	Rack/Tower
Enclosure Construction	Metal
Color	Black
Rackmount Rail	Yes
Rackmount Ears	Yes

PHYSICAL SIZE - POWER MODULE

Dimensions (WxHxD) (in.)	17.24 x 5.14 x 26.77
Dimensions (WxHxD) (mm.)	438 x 130.5 x 680
Weight (lbs.)	44.1
Weight (kg.)	20
Installed Rack Height (U)	3

PHYSICAL SIZE - BATTERY MODULE

Dimensions (WxHxD) (in.)	17.24 x 5.14 x 26.77
Dimensions (WxHxD) (mm.)	438 x 130.5 x 680
Weight (lbs.)	145.5
Weight (kg.)	66
Installed Rack Height (U)	3

SHIPPING DIMENSIONS

Dimensions (WxHxD) (in.)	22.6 x 28.7 x 35
Dimensions (WxHxD) (mm.)	575 x 730 x 890
Weight (lbs.)	260.7
Weight (kg.)	118.24

ENVIRONMENTAL

Operating Temperature (°F)	32 ~ 104
Operating Temperature (°C)	0 ~ 40
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90
Operating Elevation (feet/meters)	≤1000, Load Derated 1% per 100m from 1000m and 2000m
Storage Temperature (°F)	5 ~ 113
Storage Temperature (°C)	-15 ~ 45
Storage Relative Humidity (Non-condensing) (%)	0 ~ 95
Storage Elevation (feet/meters)	0-50,000 feet (0-15,000 meters)
Online Thermal Dissipation (BTU/hr)	2672
Audible Noise at 1.5M from Surface of Unit (dBA)	60

CERTIFICATIONS

WARRANTY

Product Warranty Period (Year)	2
Battery Warranty Period (Year)	2