




## ONLINE S SERIES

**The Best Quality Online Double Conversion UPS That Offers the Highest Level of Power Protection**



-  Online Topology
-  Energy Saving
-  Smart Battery Management
-  LCD Display
-  Generator Compatible
-  Remote Management

The Online S UPS Series is ideal for servers, networking equipment, workstations and other mission-critical applications which require Pure Sine Wave power input. Featuring Online Double Conversion design and Zero Transfer Time, the UPS provides consistent and seamless power to critical loads.

Numerous engineering excellences showcase in this enterprise-level application including Economy Mode, Smart Battery Management and External Battery Module compatible, which further enhance its overall performance and capability. The placement-wise design could be configured in either Tower (T) or Rackmount (RM) form with the attached stands and skids to make the most of your workspace.

The optional SNMP/HTTP Remote Management Capability enables remote management and control of the system through standard web browser. Together with PowerPanel® Business Edition management software, the UPS can provide administrators comprehensive network power management including unattended-shutdown, event logging, reporting, and notifications.

### APPLICATIONS

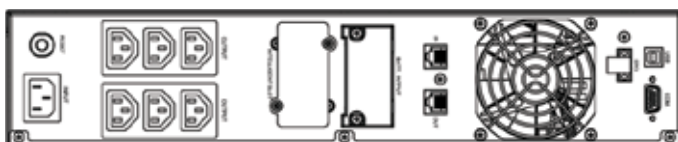
- Medium Business
- Corporate Data Center
- Networking, Servers & Workstations
- Industrial Equipment

### SERIES FEATURES

- Pure Sine Wave Output
- Online (Double Conversion) UPS Topology
- GreenPower UPSTM Technology
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Emergency Power Off (EPO) Port
- Multifunction LCD Readout
- USB & Serial Connectivity Ports
- Generator Compatible
- User-replaceable Batteries
- Hot-swappable Batteries
- Smart Battery Management
- Extended Runtime Model - Up to 3 battery packs
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software
- Tower/Rackmount Convertible Configurations



Front



Back

### ONLINE DOUBLE CONVERSION TOPOLOGY



Online (Double Conversion) topology provides the perfect and reliable output quality regardless of the condition of the incoming power by converting AC power to DC power and then back to AC power. With zero transfer time during unexpected power outages, Online topology guarantees the power continuity of the mission-critical equipment to ensure 100% uptime and system protection.

Model Name	RTUPS-OLS1000ERT2U	RTUPS-OLS1500ERT2U
<b>General</b>		
UPS Topology	Online Double Conversion	Online Double Conversion
Energy Saving	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%
Generator Compatibility	Yes	Yes
Nominal Input Voltage	230Vac ± 10%	230Vac ± 10%
Input Voltage Range	160 - 300Vac	160 - 300Vac
Input Frequency Range	50/60 ± 10Hz (Auto-sensing)	50/60 ± 10Hz (Auto-sensing)
Rated Input Current	4.5A	6.5A
Input Power Factor	0.98	0.98
Plug Type	IEC C14	IEC C14
<b>Output</b>		
VA/Watts	1000/900	1500/1350
On Battery Waveform	Pure Sine Wave	Pure Sine Wave
On Battery Voltage	208, 220, 230, 240Vac ± 1% (Configurable)	208, 220, 230, 240Vac ± 1% (Configurable)
On Battery Frequency	50/60Hz ± 0.5% (Configurable)	50/60Hz ± 0.5% (Configurable)
Overload Protection (Line Mode)	110~120% Load for 1 min, >120% Load Immediately	110~120% Load for 1 min, >120% Load Immediately
Overload Protection (Battery Mode)	110~120% Load for 10 sec, >120% Load Immediately	110~120% Load for 10 sec, >120% Load Immediately
Overload Protection (Bypass Mode)	>130% Load Immediately	>130% Load Immediately
Outlets - Total	6	6
Outlet Type	IEC C13 x 6	IEC C13 x 6
Outlets - Battery & Surge Protected	6	6
Rated Power Factor	0.9	0.9
Harmonic Distortion	THD < 3% at Linear Load, < 5% at Non-linear Load	THD < 3% at Linear Load, < 5% at Non-linear Load
Transfer Time	0ms	0ms
<b>Battery</b>		
Runtime at Half Load (min)	15	14
Runtime at Full Load (min)	5	4
Battery Type	Sealed Lead-acid	Sealed Lead-acid
Battery Size	12V / 7AH	12V / 9AH
Battery Quantity	3	3
User-replaceable	Yes	Yes
Hot-swappable	Yes	Yes
Typical Recharge Time	5 Hours	5 Hours
Replacement Battery Pack	RBP0066	RBP0067
Replacement Battery Pack Quantity	1	1
Smart Battery Management (SBM) Mode	Yes	Yes
External Battery Module (EBM)	BPSE36V45ART2U	BPSE36V45ART2U
Max. EBM Quantity	3	3
<b>Surge Protection &amp; Filtering</b>		
Surge Suppression (Joules)	440	440
Phone/Network Protection RJ11/RJ45	1-in, 1-out	1-in, 1-out
<b>Management &amp; Communications</b>		
LCD Panel	Yes	Yes
HID Compliant USB Port	1	1
Serial Port	RS232	RS232
Emergency Power Off (EPO) Port	Yes	Yes
Software	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205	Yes - with optional RMCARD205
<b>Physical</b>		
Form Factor	Rack/Tower	Rack/Tower
<b>Physical – UPS Module</b>		
Dimensions (WxHxD) (mm.)	438 x 88 x 430	438 x 88 x 430
Weight (kg.)	13.2	14.6
Installed Rack Height	2U	2U
<b>Environmental</b>		
Operating Temperature	32 °F to 104 °F / 0 °C to 40 °C	32 °F to 104 °F / 0 °C to 40 °C
Operating Humidity	20% - 90% non-condensing	20% - 90% non-condensing
Operating Elevation	0-5,000 feet (0-1,500 meters)	0-5,000 feet (0-1,500 meters)
Storage Temperature	-4 °F to 122°F / -20°C to 50 °C	-4 °F to 122°F / -20°C to 50 °C
Storage Relative Humidity	10% - 90% non-condensing	10% - 90% non-condensing
Online Thermal Dissipation	342 BTU/hr	420 BTU/hr
<b>Certifications</b>		
Certifications	CE, RCM	CE, RCM
RoHS Compliant	Yes	Yes

#All specifications are subject to change without notice.