



**CyberPower®**

# **UPS SYSTEMS**

Product Catalogue

SMART APP UPS  
ONLINE SERIES

**1kVA, 1.5kVA, 2kVA and 3kVA**

**6kVA and 10kVA**



SRA Solutions is a National Partner with CyberPower UPS Systems



- Online Double Conversion Topology for Seamless Connection
- Quality Output Power Factor 0.9
- Extended Runtime Capable - Up to 10 External Battery Packs

### APPLICATIONS

- Data Closets
- Home Theater Systems
- POS Systems
- Vehicle/Yacht
- Electric Lighting
- Server Room
- NAS & Servers
- DVRs/Surveillance Systems
- Transportation & Infrastructure
- Emergency Systems
- Back Office
- Data Center

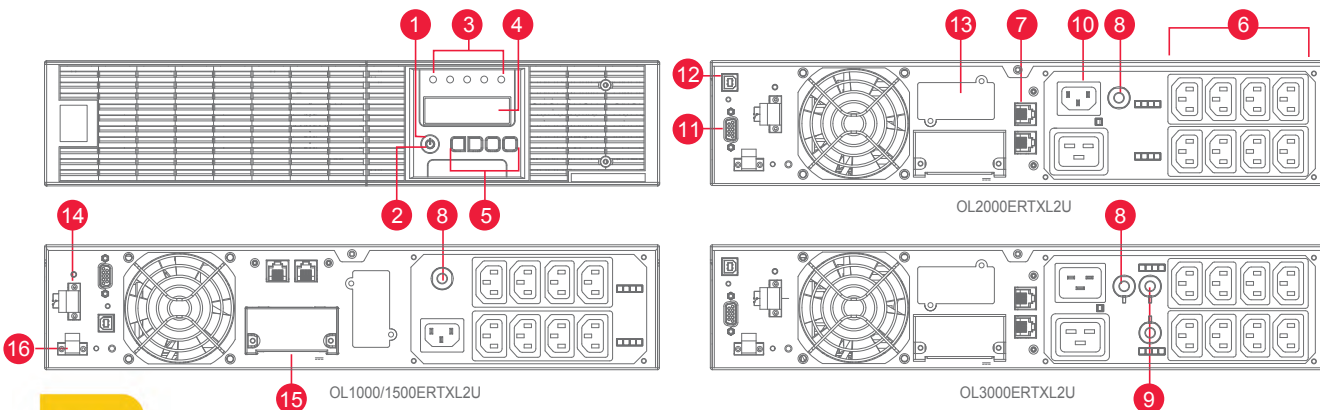
### SERIES FEATURES

- Online (Double Conversion) UPS Topology
- Zero Transfer Time
- Pure Sine Wave Output
- High Output Power Factor (0.9)
- ECO Mode
- Auto-Restart/Auto-Charge
- Configurable Alarm
- Cold Start
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Overload Capability
- Rackmount Form Factor
- Rack/Tower Convertible Configurations
- Smart Battery Management
- User-Replaceable Battery Packs
- Hot-Swappable Battery Packs
- Extended Runtime Models - Up to 10 battery packs
- Multifunction LCD Readout
- Detachable LCD Control Panel
- USB and Serial Connectivity Port
- Emergency Power Off (EPO) Port
- Critical/Noncritical Load Outlets
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software



### PRODUCT CALLOUTS

1. Power On Indicator
2. Power On/Off Switch
3. LED Status Indicator
4. LCD Display Panel
5. Function Buttons
6. Battery Backup & Surge Protected Outlets
7. Communication Protection Ports RJ11/RJ45
8. Input Circuit Breaker
9. Output Circuit Breaker
10. AC Inlet
11. Serial Port
12. USB Port
13. SNMP/HTTP Network Slot
14. Relay Output Connector
15. Extended Battery Module Connector
16. EPO Port



**TECHNICAL SPECIFICATIONS**

Model	OL1000ERTXL2U	OL1500ERTXL2U	OL2000ERTXL2U	OL3000ERTXL2U
<b>General</b>				
UPS Topology	Online Double Conversion	Online Double Conversion	Online Double Conversion	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 93%	Online ECO Mode Efficiency > 93%	Online ECO Mode Efficiency > 93%	Online ECO Mode Efficiency > 93%
Active PFC Compatibility	Yes	Yes	Yes	Yes
<b>Input</b>				
Generator Compatibility	Yes	Yes	Yes	Yes
Nominal Input Voltage (Vac)	200/208/220/230/240	200/208/220/230/240	200/208/220/230/240	200/208/220/230/240
Input Voltage Range (Vac)	190 ~ 300	190 ~ 300	190 ~ 300	190 ~ 300
Input Frequency (Hz)	50/60 ± 10 (Auto-sensing)	50/60 ± 10 (Auto-sensing)	50/60 ± 10 (Auto-sensing)	50/60 ± 10 (Auto-sensing)
Rated Input Current (A)	5	7.5	10	15
Input Power Factor	0.99	0.99	0.99	0.99
Input Connector Type	IEC C14	IEC C14	IEC C14	IEC C20
<b>Output</b>				
Capacity (VA)	1000	1500	2000	3000
Capacity (Watts)	900	1350	1800	2700
On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	200/208/220/230/240 ± 2% (Configurable)	200/208/220/230/240 ± 2% (Configurable)	200/208/220/230/240 ± 2% (Configurable)	200/208/220/230/240 ± 2% (Configurable)
On Battery Frequency (Hz)	50/60 ± 0.5% (Configurable)	50/60 ± 0.5% (Configurable)	50/60 ± 0.5% (Configurable)	50/60 ± 0.5% (Configurable)
Power Factor	0.9	0.9	0.9	0.9
Overload Protection	Internal Current Limiting, Circuit Breaker	Internal Current Limiting, Circuit Breaker	Internal Current Limiting, Circuit Breaker	Internal Current Limiting, Circuit Breaker
Overload Protection (Line Mode)	105~125% Load for 1 min, 125~150% Load for 10 sec			
Overload Protection (Battery Mode)	105~130% Load for 10 sec, 130~150% Load for 2 sec			
Overload Protection (Bypass Mode)	Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker
Harmonic Distortion (Linear Load)	THD < 3%	THD < 3%	THD < 3%	THD < 3%
Harmonic Distortion (Non-linear Load)	THD < 5%	THD < 5%	THD < 5%	THD < 5%
Outlet(s) - Total	8	8	9	9
Outlet Type	IEC C13 x 8	IEC C13 x 8	IEC C13 x 8, IEC C19 x 1	IEC C13 x 8, IEC C19 x 1
Outlet(s) - Battery & Surge Protected	8	8	9	9
Outlet(s) - Critical Load (CL)	4	4	5	5
Outlet(s) - Non-Critical Load (NCL)	4	4	4	4
Typical Transfer Time (ms)	0	0	0	0
<b>Battery</b>				
Runtime at Half Load (min)	18	9	18	9
Runtime at Full Load (min)	6	3	6	3
Typical Recharge Time (Hours)	5	5	5	5
Smart Battery Management (SBM)	Yes	Yes	Yes	Yes
User Replaceable	Yes	Yes	Yes	Yes
Hot-Swappable	Yes	Yes	Yes	Yes
Battery Type	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid	Sealed Lead-acid
Replacement Battery Pack	RBP0074	RBP0074	RBP0076	RBP0076
RBP Quantity (pcs)	1	1	1	1
External Battery Module (EBM)	BPE36V60ART2US	BPE36V60ART2US	BPE72V60ART2US	BPE72V60ART2US
Max. EBM Quantity (pcs)	10	10	10	10
<b>Surge Protection &amp; Filtering</b>				
Surge Suppression (Joules)	1780	1780	1335	1335
EMI/RFI Filtration	Yes	Yes	Yes	Yes
Phone/Network Protection RJ11/RJ45 (Combo)	1-in, 1-out	1-in, 1-out	1-in, 1-out	1-in, 1-out
<b>Management &amp; Communications</b>				
LCD Panel	Yes	Yes	Yes	Yes
Detachable LCD Panel	Yes	Yes	Yes	Yes
HID Compliant USB Port(s)	1	1	1	1
Serial Port	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)
Dry Contact (with Relay)	Yes	Yes	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes	Yes	Yes
Power Management Software	PowerPanel® Business Edition	PowerPanel® Business Edition	PowerPanel® Business Edition	PowerPanel® Business Edition
SNMP / HTTP Remote Monitoring	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205	Yes - with optional RMCARD205
<b>Physical</b>				
Form Factor	Rack/Tower	Rack/Tower	Rack/Tower	Rack/Tower
<b>Physical Size - UPS Module</b>				
Dimensions (WxHxD) (mm.)	433 x 88 x 430	433 x 88 x 430	433 x 88 x 600	433 x 88 x 600
Weight (kg.)	18	18	31	32
Installed Rack Height (U)	2	2	2	2
<b>Environmental</b>				
Operating Temperature	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	0 ~ 90	0 ~ 90	0 ~ 90
Online Thermal Dissipation (BTU/hr)	341	512	759	1139
<b>Certifications</b>				
Certifications	CE, BSMI, C-Tick	CE, BSMI, C-Tick	CE, BSMI, C-Tick	CE, BSMI, C-Tick
RoHS	Yes	Yes	Yes	Yes

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- Easy Battery Replacement
- Easy EBM Expansion
- Flexible Installation

### SERIES FEATURES

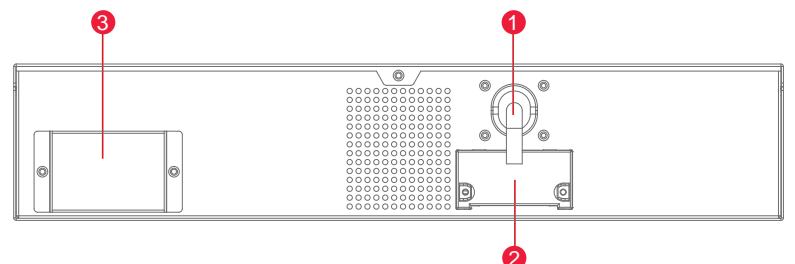
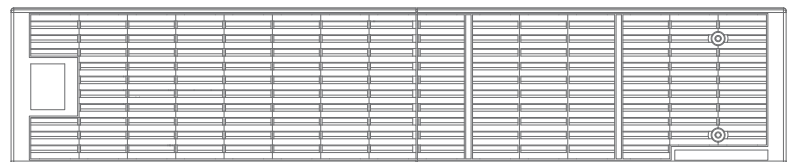
- Rack/Tower Convertible Configurations
- User-replaceable Battery Packs
- Hot-swappable Battery Packs
- Daisy-chain Expansion
- Metal Housing



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### PRODUCT CALLOUTS

1. DC Output Cable
2. DC Input Connector
3. On-Board Replaceable Fuse Cover



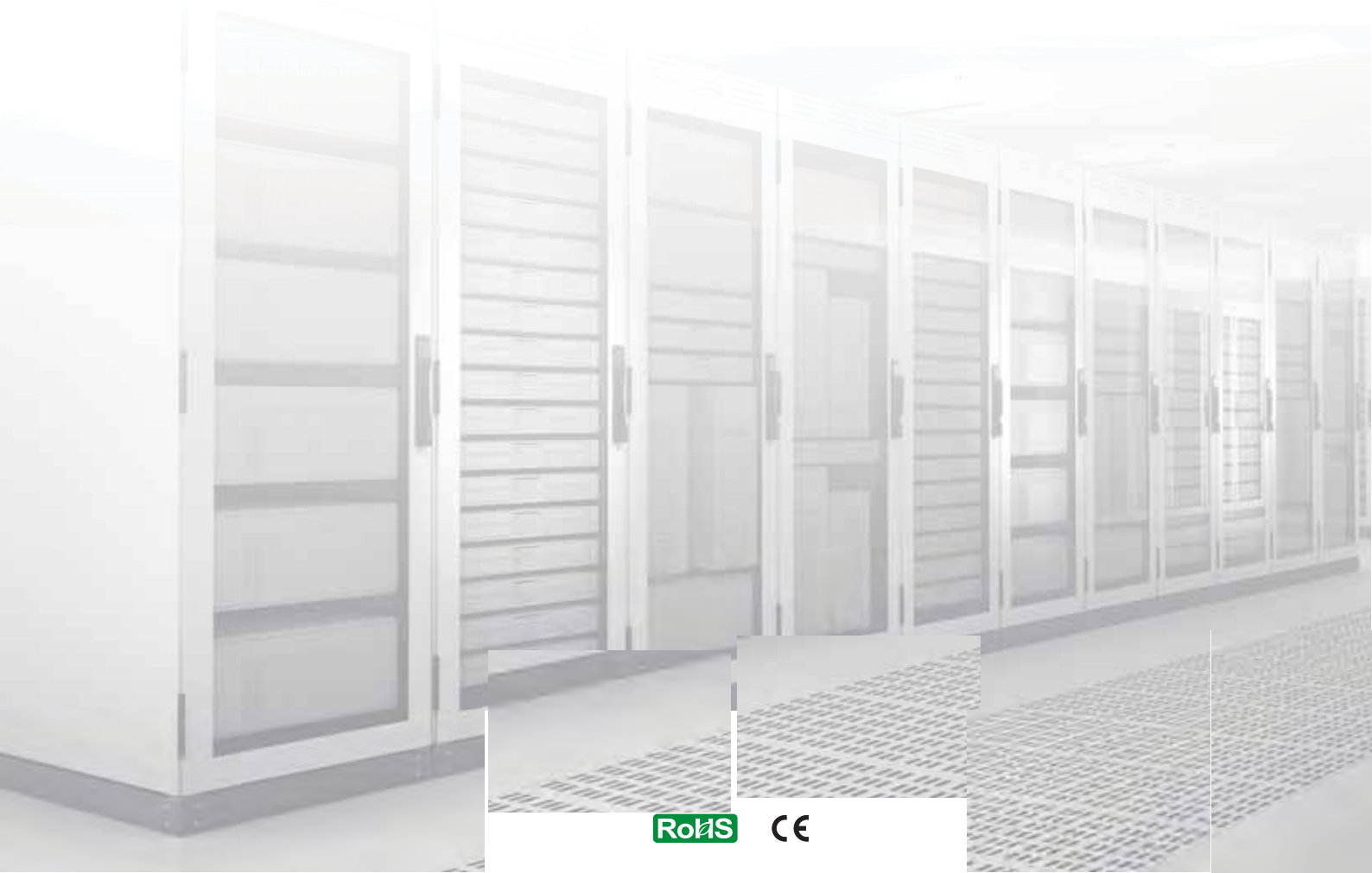
Extended Battery Module  
for OL Series  
**1kVA, 1.5kVA, 2kVA and 3kVA**



**TECHNICAL SPECIFICATIONS**

Model	BPE36V60ART2US	BPE72V60ART2US
<b>General</b>		
Nominal Output Voltage (Vdc)	36	72
Rated Output Current (A)	60	60
<b>Battery</b>		
Battery Type	Sealed Lead-acid	Sealed Lead-acid
Built-in Charger	No	No
User Replaceable	Yes	Yes
Hot-Swappable	Yes	Yes
Replacement Battery Pack	RBP0074	RBP0077
Replacement Battery Pack Quantity (pcs)	2	2
Compatible UPS Models	OL1000ERTXL2U, OL1500ERTXL2U	OL2000ERTXL2U, OL3000ERTXL2U
<b>Physical</b>		
Form Factor	Rack/Tower	Rack/Tower
<b>Physical Size</b>		
Dimensions (WxHxD) (mm.)	433 x 88 x 430	433 x 88 x 600
Weight (kg.)	23	44
Installed Rack Height (U)	2	2
<b>Environmental</b>		
Operating Temperature	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	0 ~ 90
<b>Certifications</b>		
Certifications	CE, C-Tick	CE, C-Tick
RoHS	Yes	Yes

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- Online Double Conversion Topology for Seamless Connection
- Quality Output Power Factor 0.9
- Extended Runtime Capable-Up to 10 External Battery Packs
- Maintenance Bypass Switch Ensures Consistent Connection During UPS Maintenance



### APPLICATIONS

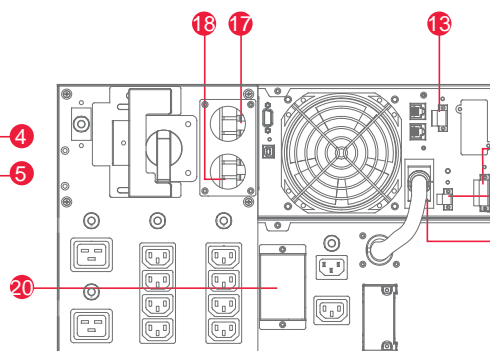
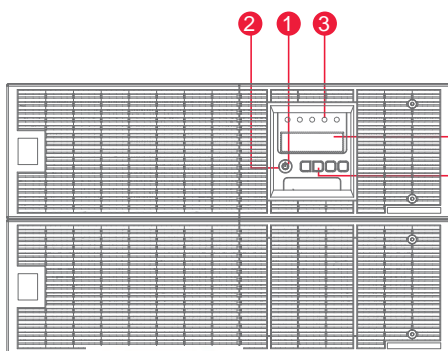
- Data Closets
- Home Theater Systems
- POS Systems
- Vehicle/Yacht
- Electric Lighting
- Server Room
- NAS & Servers
- DVRs/Surveillance Systems
- Transportation & Infrastructure
- Emergency Systems
- Back Office
- Data Center

### SERIES FEATURES

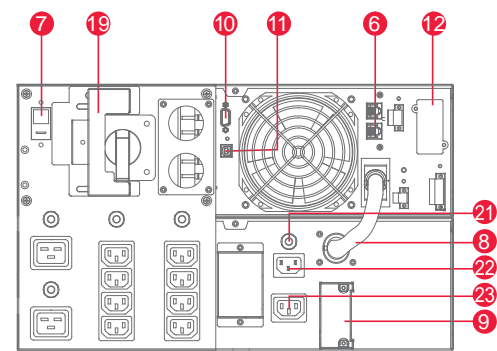
- Online (Double Conversion) UPS Topology
- Zero Transfer Time
- Pure Sine Wave Output
- High Output Power Factor (0.9)
- GreenPower UPS™ Technology
- ECO Mode
- Auto-Restart/Auto-Charge
- Configurable Alarm
- Cold Start
- EMI, RFI, Surge and Spike Protection
- Phone/Fax/Modem/DSL/Network Protection
- Overload Capability
- Rackmount Form Factor
- Rack/Tower Convertible Configuration
- Smart Battery Management
- User-Replaceable Battery Packs
- Hot-Swappable Battery Packs
- Extended Runtime Models - Up to 10 battery packs
- Multifunction LCD Readout
- Detachable LCD Control Panel
- USB and Serial Connectivity Port
- Emergency Power Off (EPO) Port
- Critical/Noncritical Load Outlets
- SNMP/HTTP Remote Management Capability (Optional)
- PowerPanel® Business Edition Software

### PRODUCT CALLOUTS

1. Power On Indicator
2. Power On/Off Switch
3. LED Status Indicator
4. LCD Display Panel
5. Function Buttons
6. Communication Protection Ports RJ11/RJ45
7. Input Circuit Breaker
8. DC Output Cable
9. DC Input Connector
10. Serial Port
11. USB Port
12. SNMP/HTTP Network Slot
13. Relay Output Connector
14. Extended Battery Module Connector
15. EPO Port
16. Backfeed Protection Connector
17. Input Terminal Block
18. Output Terminal Block
19. Maintenance Bypass Switch
20. On-Board Replaceable Fuse Cover
21. AC Circuit Breaker
22. AC Input Inlet
23. AC Output Outlet



OL6000ERT3UP



OL10000ERT3UP



TECHNICAL SPECIFICATIONS

Model	OL6000ERT3UP	OL10000ERT3UP
<b>General</b>		
UPS Topology	Online Double Conversion	Online Double Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 95%	Online ECO Mode Efficiency > 95%
Active PFC Compatibility	Yes	Yes
<b>Input</b>		
Generator Compatibility	Yes	Yes
Nominal Input Voltage (Vac)	200/208/220/230/240	200/208/220/230/240
Input Voltage Range (Vac)	180 ~ 280	180 ~ 280
Input Frequency (Hz)	50/60 ± 10 (Auto-sensing)	50/60 ± 10 (Auto-sensing)
Rated Input Current (A)	30	50
Input Power Factor	0.99	0.99
Input Connector Type	Hardwire Terminal Block	Hardwire Terminal Block
<b>Output</b>		
Capacity (VA)	6000	10000
Capacity (Watts)	5400	9000
On Battery Waveform	Pure Sine Wave	Pure Sine Wave
On Battery Voltage(s) (Vac)	200/208/220/230/240 ± 2% (Configurable)	200/208/220/230/240 ± 2% (Configurable)
On Battery Frequency (Hz)	50/60 ± 0.5% (Configurable)	50/60 ± 0.5% (Configurable)
Power Factor	0.9	0.9
Overload Protection	Internal Current Limiting, Circuit Breaker	Internal Current Limiting, Circuit Breaker
Overload Protection (Line Mode)	105~125% Load for 1 min, 125~150% Load for 10 sec	105~125% Load for 1 min, 125~150% Load for 10 sec
Overload Protection (Battery Mode)	105~130% Load for 10 sec, 130~150% Load for 2 sec	105~130% Load for 10 sec, 130~150% Load for 2 sec
Overload Protection (Bypass Mode)	Circuit Breaker	Circuit Breaker
Harmonic Distortion (Linear Load)	THD < 3%	THD < 3%
Harmonic Distortion (Non-linear Load)	THD < 5%	THD < 5%
Outlet(s) - Total	11	11
Outlet Type	Hardwire Terminal Block x 1, IEC C19 x 2, IEC C13 x 8	Hardwire Terminal Block x 1, IEC C19 x 2, IEC C13 x 8
Outlet(s) - Battery & Surge Protected	11	11
Outlet(s) - Critical Load (CL)	6	6
Outlet(s) - Non-Critical Load (NCL)	5	5
Typical Transfer Time (ms)	0	0
<b>Battery</b>		
Runtime at Half Load (min)	15	11
Runtime at Full Load (min)	5	4
Typical Recharge Time (Hours)	4	5
Smart Battery Management (SBM)	Yes	Yes
User Replaceable	Yes	Yes
Hot-Swappable	Yes	Yes
Battery Type	Sealed Lead-acid	Sealed Lead-acid
Replacement Battery Pack	RBP0073	RBP0072
RBP Quantity (pcs)	2	2
External Battery Module (EBM)	BPE240V30ART3U	BPE240V50ART3U
Max. EBM Quantity (pcs)	10	10
<b>Surge Protection &amp; Filtering</b>		
Surge Suppression (Joules)	2430	2430
EMI/RFI Filtration	Yes	Yes
Phone/Network Protection RJ11/RJ45 (Combo)	1-in, 1-out	1-in, 1-out
<b>Management &amp; Communications</b>		
LCD Panel	Yes	Yes
Detachable LCD Panel	Yes	Yes
HID Compliant USB Port(s)	1	1
Serial Port	Combo (RS232 + Dry Contact)	Combo (RS232 + Dry Contact)
Dry Contact (with Relay)	Yes	Yes
Emergency Power Off (EPO) Port	Yes	Yes
Power Management 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 Size - UPS Module</b>		
Dimensions (WxHxD) (mm.)	433 x 264 x 820	433 x 264 x 820
Weight (kg.)	104.5	106.5
Installed Rack Height (U)	6	6
<b>Physical Size - Power Module</b>		
Dimensions (WxHxD) (mm.)	433 x 132 x 820	433 x 132 x 820
Weight (kg.)	28.5	28.5
Installed Rack Height (U)	3	3
<b>Physical Size - Battery Module</b>		
Dimensions (WxHxD) (mm.)	433 x 132 x 660	433 x 132 x 660
Weight (kg.)	76	78
Installed Rack Height (U)	3	3
<b>Environmental</b>		
Operating Temperature	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	0 ~ 90
Online Thermal Dissipation (BTU/hr)	1823	3038
<b>Certifications</b>		
Certifications	CE, C-Tick	CE, C-Tick
RoHS	Yes	Yes

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- Fast Battery Charging Design
- Easy Battery Replacement
- Flexible Installation

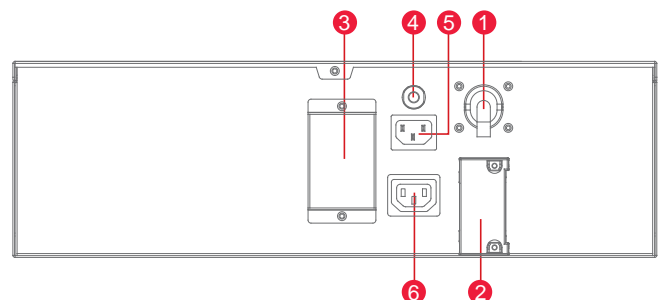
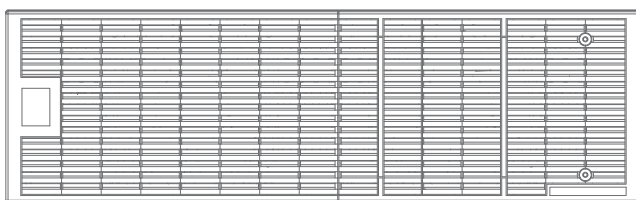
### SERIES FEATURES

- Rack/Tower Convertible Configurations
- Built-in charger for External Battery Module (EBM)
- User-replaceable Battery Packs
- Hot-swappable Battery Packs
- Daisy-chain Expansion
- Metal Housing



### PRODUCT CALLOUTS

1. DC Output Cable
2. DC Input Connector
3. On-Board Replaceable Fuse Cover
4. AC Circuit Breaker
5. AC Input Inlet
6. AC Output Outlet





**TECHNICAL SPECIFICATIONS**

Model	BPE240V30ART3U	BPE240V50ART3U
<b>General</b>		
Nominal Output Voltage (Vdc)	240	240
Rated Output Current (A)	30	50
<b>Battery</b>		
Battery Type	Sealed Lead-acid	Sealed Lead-acid
Built-in Charger	Yes	Yes
Typical Recharge Time (Hours)	4	5
User Replaceable	Yes	Yes
Hot-Swappable	Yes	Yes
Replacement Battery Pack	RBP0073	RBP0072
Replacement Battery Pack Quantity (pcs)	2	2
Compatible UPS Models	OL6000ERT3UD, OL6000ERT3UDM, OL6000ERT3UP	OL8000ERT3UD, OL8000ERT3UDM, OL8000ERT3UP, OL10000ERT3UD, OL10000ERT3UDM, OL10000ERT3UP
<b>Physical</b>		
Form Factor	Rack/Tower	Rack/Tower
<b>Physical Size</b>		
Dimensions (WxHxD) (mm.)	433 x 132 x 660	433 x 132 x 660
Weight (kg.)	76	78
Installed Rack Height (U)	3	3
<b>Environmental</b>		
Operating Temperature	32 ~ 104°F / 0 ~ 40°C	32 ~ 104°F / 0 ~ 40°C
Operating Relative Humidity (Non-condensing) (%)	0 ~ 90	0 ~ 90
<b>Certifications</b>		
Certifications	CE, C-Tick	CE, C-Tick
RoHS	Yes	Yes

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