



# UPS SOLUTIONS

## XRT6 Online UPS Series

Designed for Extra Runtime

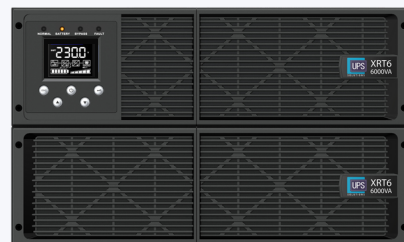
1.5/3/6/10kVA



VISIT WEBSITE



# Engineered for Unmatched Reliability, the XRT6 UPS: Your Critical Power in a World of Uncertainty.



# XRT6 Online UPS System

The XRT6 Online UPS Series is ideal for servers, networking equipment, workstations and other mission-critical applications which require pure sine wave power. Featuring Online Double Conversion Topology 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 the PowerPanel® Business Edition management software, the UPS can provide administrators comprehensive network power management including unattended-shut-down, event logging, reporting and notifications.

## Applications

1. Medium Business
2. Corporate Data Centre
3. Networking, Servers & Workstations
4. Industrial Equipment

## 10 Year Long-Life Batteries as Standard

- **Extended Lifespan:** Enjoy a decade of reliable battery performance.
- **Reduced Cost:** Fewer battery replacements over the lifetime of the UPS system minimises costs and lowers environmental impact.
- **Fire Retardant:** Up to 2 hours of fireproof assurance for added security.

## Why Invest in an XRT6?

The XRT6 stands as a testament to our commitment to delivering reliable, high-quality UPS systems. Designed with versatility and efficiency in mind, it's adept for various applications – from safeguarding server rooms to ensuring uninterrupted power in critical healthcare facilities.

## Commitment to Excellence

When you choose our UPS solutions, you're opting for more than just a product. You're gaining a partnership that offers:

- ✓ Dedicated Expertise
- ✓ Custom Solutions
- ✓ Proactive Maintenance
- ✓ Reliability and Adaptability

Invest in a solution that provides not just power, but the peace of mind and support you need in today's power-reliant world.



# XRT6 Online UPS System

Powerful Performance and Versatility

1.5/3/6/10kVA



## Key Features & Benefits

### Online (Double Conversion) UPS Topology

The XRT6 employs advanced online double conversion technology, ensuring a constant and clean power supply for critical applications.

### ECO Mode

With ECO Mode, the XRT6 optimizes energy efficiency, reducing power consumption without compromising performance.

### UPS Parallel Expansion

Easily expand your power capacity by parallelly connecting multiple XRT6 UPS units, ensuring scalability for growing needs.

### Smart Battery Management (SBM)

The XRT6 features intelligent Smart Battery Management, optimizing battery life and performance for longevity.

### Extended Battery Module (EBM)

Extend your backup runtime with the XRT6's Extended Battery Module, ensuring prolonged power support.

### Generator Compatible

The XRT6 seamlessly integrates with generators, providing a reliable power backup solution for extended periods.

### Overload Protection

Advanced overload protection in the XRT6 safeguards against excess power demands, preventing system damage.

### Zero Transfer Time

Experience uninterrupted power transitions with zero transfer time, ensuring continuous operation during power fluctuations.

### Surge and Spike Protection

The XRT6 shields connected devices from power surges and spikes, safeguarding sensitive equipment.

### EMI and RFI Filtration

Benefit from enhanced power quality as the XRT6 filters out electromagnetic and radio-frequency interference.

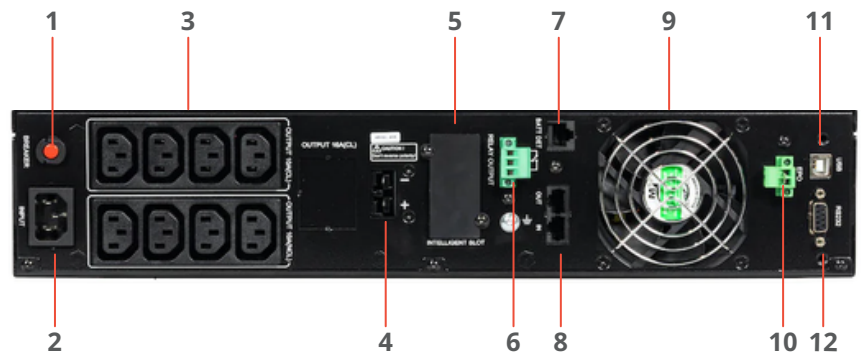
# The XRT6 1500VA & 3000VA

## Unmatched Reliability for Your Essential Power Needs

### XRT6-1.5kVA

#### Compact Powerhouse for Efficient Energy Management

1. Input Circuit Breaker
2. 10Amp Input
3. 8 IEC Output, Battery & Surge Protected
4. Extended Battery Connector
5. Smart Slot for SNMP, Relay, Environmental Management
6. Relay Output Connector
7. Battery Communication Port
8. RJ11/RJ45 Communication Protection Ports
9. Cooling Fan
10. EPO Port
11. USB Port
12. RS232 Serial Port

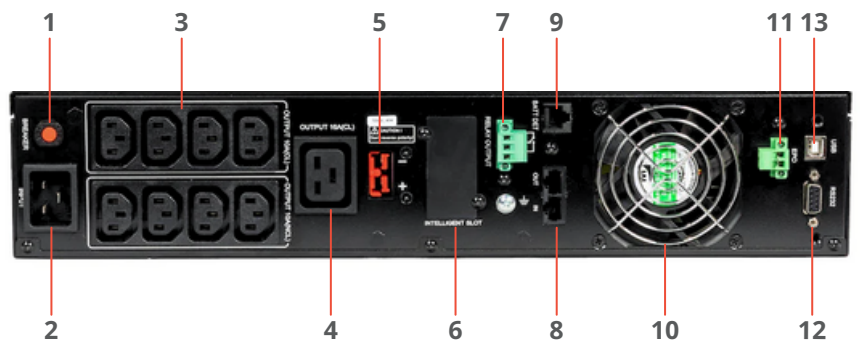


Part Number: XRT6-1500L

### XRT6-3kVA

#### Enhanced Capacity for More Demanding Applications

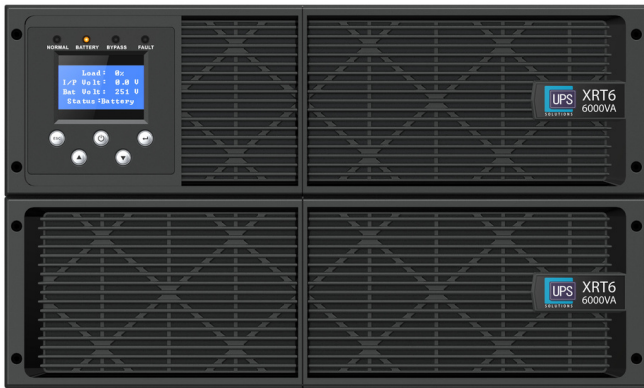
1. Input Circuit Breaker
2. 15Amp Input
3. 8 IEC Output, Battery & Surge Protected
4. 15Amp IEC Output
5. Extended Battery Connector
6. Smart Slot for SNMP, Relay, Environmental Management
7. Relay Output Connector
8. RJ11/RJ45 Communication Protection Ports
9. Battery Communication Port
10. Cooling Fan
11. EPO Port
12. RS232 Serial Port
13. USB Port



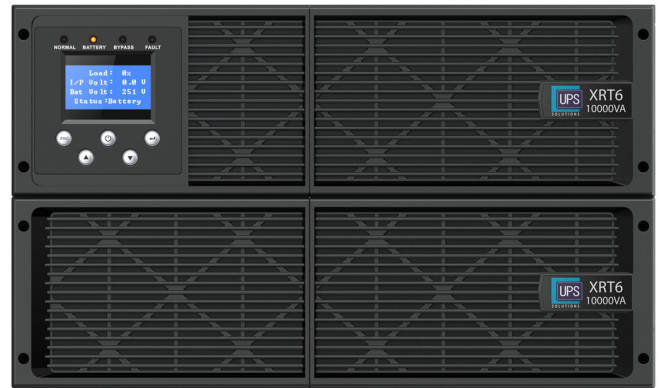
Part Number: XRT6-3000L

# The XRT6 6000VA & 10000VA

The Ultimate Solution for High-Capacity Power Needs



Part Number: XRT6-6000L

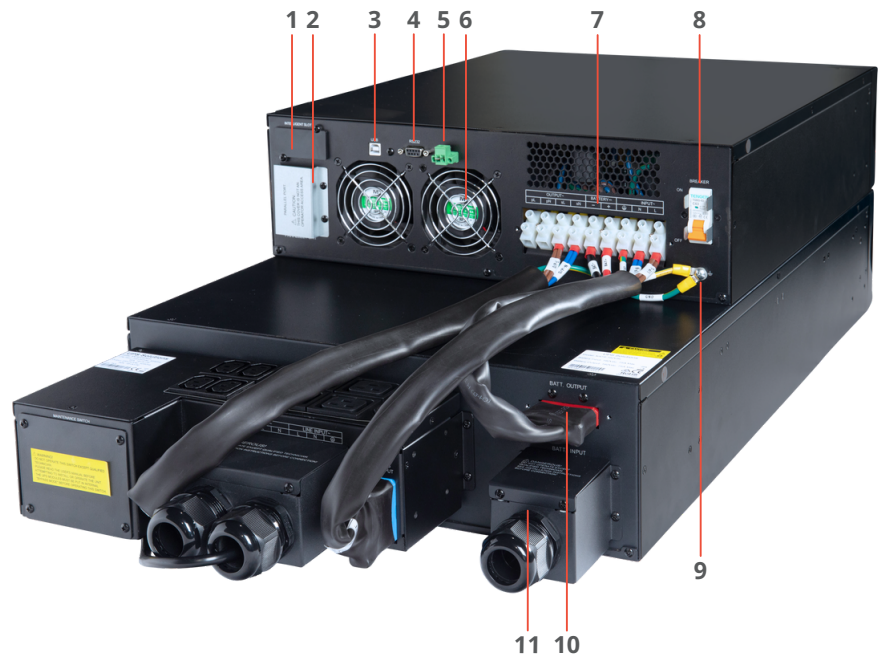


Part Number: XRT6-10000L

## XRT6-6kVA & XRT6-10kVA

Superior Performance for Industrial and Enterprise Use

1. Smart Slot for SNMP, Relay, Environmental Management (SNMP Management Card & Environmental Sensor Included as standard)
2. Parallel Port
3. USB Port
4. RS232 Serial Port
5. EPO Port
6. Cooling Fans
7. Input & Output Terminal Block (Protective Cover Included)
8. Integrated Circuit Breaker
9. Earthing
10. Battery Output Connector (Cable Included)
11. Battery Input
12. 4 x 10Amp IEC Output & Circuit Breakers
13. 4 x 15Amp IEC Output & Circuit Breakers
14. Integrated Maintenance Bypass Switch
15. UPS Output Connector (Cable Included)
16. Input & Output Terminal Block
17. UPS Input Connector (Cable Included)



# Extended Run Battery Packs

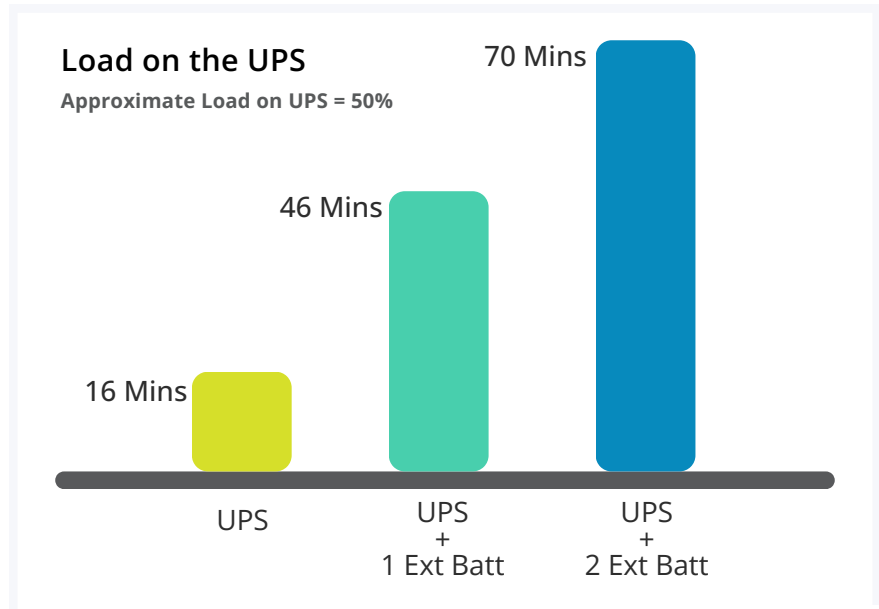
## Scalable Runtime



A UPS provides essential backup power, however, the UPS alone can only provide a certain amount of runtime depending on the Load size. If more runtime is required, the XRT6 has the ability to simply add plug-n-play external battery packs to scale up to several hours of runtime. Enhance the endurance of your XRT6 UPS System with our Extended Run Battery Packs. While a UPS typically provides 4-10 minutes runtime at Full Load or 15 minutes at Half Load with its internal battery packs, the XRT6 Range takes it further.

Add up to 8 or 10 additional battery packs, each extending runtime by 20-60 minutes depending on the load. Achieve extended protection for your critical systems, ensuring uninterrupted power during unexpected outages.

Explore the flexibility of our Rack height 2U or 3RU options. All of our XRT6 UPS & Extended Run Battery Packs come as



**EXTENDED RUN BATTERY EBM FOR 1.5KVA 48V W/ LONG LIFE BATTERY 2U**

*Increase runtime with up to 3 External Battery Packs for the 1.5kVA XRT6 UPS System, ensuring reliable extended power backup.*

**Part Number: XRT6-48VBL**



**EXTENDED RUN BATTERY EBM FOR 3KVA 72V W/ LONG LIFE BATTERY 2U**

*Increase runtime with up to 6 External Battery Packs for the 3kVA XRT6 UPS System, designed for longer operational reliability.*

**Part Number: XRT6-72VBL**



**EXTENDED RUN BATTERY EBM FOR 6/10KVA 192V W/ LONG LIFE BATTERY 3U**

*Increase runtime with up to 10 External Battery Packs for the 6kVA and 10kVA XRT6 UPS Systems, catering to the highest power backup demands.*

**Part Number: XRT6-192VBL**

# Advanced Surge Protection Solutions

## Safeguarding Your Critical Equipment and UPS System



Connecting one of our SPD Surge protection devices to the UPS will give 15x more surge protection to both the UPS and the connected equipment.

Discover UPS Solutions' surge protection devices, ensuring an extra layer of defence for your UPS and valuable equipment. Ideal for various applications, these devices provide high-level protection in demanding electrical environments.

Compatible with UPS Solutions XRT6, APC Smart-UPS, Vertiv GXT4, and Eaton 10Amp UPS Systems, our surge protection solutions offer reliable fortification for your power infrastructure.



UPS Solutions Single Phase Surge Filters 10A,  
IEC 10A Input/Output Sockets  
For use with 1-1.5kVA UPS Systems

*Part Number: 10A-SPD*



UPS Solutions Single Phase Surge Filters 16A,  
IEC 16A Input/Output Sockets  
For use with 2-3kVA UPS Systems

*Part Number: 16A-SPD*



UPS Solutions Single Phase Surge Filters 40A,  
IEC 40A Input/Output Sockets  
For use with 5-6kVA UPS Systems

*Part Number: 40A-SPD*



UPS Solutions Single Phase Surge Filters 63A,  
IEC 63A Input/Output Sockets  
For use with 8-10kVA UPS Systems

*Part Number: 63A-SPD*



# Accessories for Seamless Integration

## Explore the Range of XRT6 UPS System Add-Ons



XRT6 WEB/SNMP  
MANAGEMENT CARD

Part Number: XRT6-WEBCARD



XRT6 ENVIRONMENTAL  
SENSOR

Part Number: XRT6-ENVSENSOR



XRT6 RELAY  
CARD

Part Number: XRT6-RELAYCARD



XRT6 5M EBM CABLE FOR  
48V EBM

Part Number: XRT6-BPEXT-48V5M



XRT6 5M EBM CABLE FOR  
72V EBM

Part Number: XRT6-BPEXT-72V5M



XRT6 5M EBM CABLE FOR  
192V EBM

Part Number: XRT6-BPEXT-192V5M



0.5M IEC-C13 TO C14  
POWER CABLE

Part Number: K3759-005



1M IEC-C13 TO C14  
POWER CABLE

Part Number: K3759-001



2M IEC-C13 TO C14  
POWER CABLE

Part Number: K3759



MALE IEC-C14 TO FEMALE GPO  
AUS PLUG 150MM

Part Number: K3791



1M IEC-C19 TO C20  
POWER CABLE

Part Number: K3743-010



2M IEC-C19 TO C20  
POWER CABLE

Part Number: K3743-020



5M IEC-C19 TO C20  
POWER CABLE

Part Number: K3743-050

# Installation & Commissioning Services



## Installation Service: Expertise at Your Site

With UPS Solutions, you gain access to our skilled technicians for a comprehensive installation experience. Our service package includes:

- **Pre-Site Survey:** Ensuring readiness for installation.
- **Planning & Project Management:** Seamless, coordinated approach.
- **Unpacking & Assembly Service:** Professional handling and setup.
- **Electrical Installation & Wiring:** Safe and efficient system integration.

*Note: Prices vary depending on location and environment. Contact our consultants to tailor your installation service.*

## Commissioning Service: Setting Up for Success

Our specialized UPS electricians are dedicated to:

- **System Verification:** Confirming proper wiring and system integrity.
- **System Energization:** Safely bringing your UPS online.
- **Basic Operator Training:** Equipping your team with essential know-how (available upon request).

## 5-Year Warranty Upgrade

### Extends UPS and Battery Coverage to 5 Years Total

Upgrade your peace of mind with our 5-Year Warranty, extending the standard factory coverage for your UPS and batteries.

- ✓ **Extended Coverage:** Full warranty extension to a total of 5 years.
- ✓ **Repair Assurance:** UPS repair services for optimal functionality.
- ✓ **Replacement Guarantee:** Equivalent replacement unit for diagnosed faults.
- ✓ **Telephone Support:** Access to technical support for any queries.
- ✓ **Consumables Coverage:** Includes essential components like cables and batteries.
- ✓ **Power Module Protection:** Ensures your power modules are always in peak condition.



## Trade-In for Advanced UPS Upgrade

### Includes free collection of old UPS

Upgrade to our latest single-phase UPS products and get exclusive discounts on replacements for old or inefficient units.

- **Trade-In Any Brand:** Accepting brands like APC, Emerson, Eaton, Dell, etc.
- **Effortless Process:** Free pickup for recycling, cash back for old units up to 100Kg.
- **Seamless Exchange:** We collect your old UPS when delivering the new one.

A promotional graphic for the trade-in program. It features a dark blue background with a white box containing the text 'TRADE-IN' in large white letters. Below this, it says 'BY UPS SOLUTIONS' and 'TRADE-IN CASH BACK!' in yellow. Further down, it reads 'TRADE-IN YOUR OLD UPS &amp; RECEIVE CASH-BACK WHEN PURCHASING A NEW XRT6 FROM UPS SOLUTIONS'. At the bottom, it states 'T&amp;C'S APPLY. NOT APPLICABLE WITH ANY OTHER DISCOUNTS OR OFFERS.' There is also a green recycling symbol and an image of a UPS unit.

# XRT6 Specifications

Model		XRT6-1500RT230	XRT6-3000RT230	XRT6-6000RT230	XRT6-10000RT230
Capacity		1500VA/1350W	3000VA/2700W	6000VA/5400W	10000VA/9000W
Input	Generator Compatibility	Yes	Yes	Yes	Yes
	Nominal Input Voltage	230Vac ± 10%	230Vac ± 10%	230Vac	230Vac
	Input Voltage Range	160 - 300Vac	190 - 300Vac	110 - 276Vac	110 - 276Vac
	Input Frequency Range	50/60 ± 10Hz (Auto-sensing)	50/60 ± 10Hz (Auto-sensing)	50 ± 5Hz / 60 ± 6Hz (Auto-sensing)	50 ± 5Hz / 60 ± 6Hz (Auto-sensing)
	Rated Input Current	6.5A	13A	27.3A	45.5A
	Input Power Factor	0.98	0.98	0.99	0.99
	Plug Type	IEC C14	IEC C20	Hardware Terminal Block	Hardware Terminal Block
Output	VA/Watts	1500/1350	3000/2700	6000/5400	10000/9000
	On Battery Waveform	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave	Pure Sine Wave
	On Battery Voltage	208, 220, 230, 240Vac ± 1% (Configurable)	208, 220, 230, 240Vac ± 1% (Configurable)	208, 220, 230, 240 ± 1% Vac (Configurable)	208, 220, 230, 240 ± 1% Vac (Configurable)
	On Battery Frequency	50/60Hz ± 0.5% (Configurable)	50/60Hz ± 0.5% (Configurable)	50/60Hz ± 0.1% (Configurable)	50/60Hz ± 0.1% (Configurable)
	Overload Protection (Line Mode)	110~120% Load for 1 min, >120% Load Immediately		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)	110~120% Load for 10 sec, >120% Load Immediately		105~125% Load for 2min, >125~150% Load for 30 sec, >150% Load for 10sec	
	Overload Protection (Bypass Mode)	>130% Load Immediately		125~150% Load for 1min, >150~170% Load for 10 sec, >170% Load for 1sec	
	Outlets - Total	6	9	9	9
	Outlet Type	IEC C13 x 6	IEC C13 x 8, IEC C19 x 1	Terminal Block x 1 / IEC C13 x 4 / IEC C19 x 4	
	Outlets - Battery & Surge Protected	6	9	9	9
	Related Power Factor	0.9	0.9	0.9	0.9
	Harmonic Distortion	THD <3% at Linear Load, <5% at Non-linear Load		THD <2% at Linear Load, <5% at Non-linear Load	
	Transfer Time	0ms	0ms	0ms	0ms
Efficiency	Inverter Mode	89%	92%	95%	95%
	Battery Mode	84%	88%	92%	92%
	ECO Mode	95%	95%	98%	98%
Battery	Design Life	10 Years	10 Years	10 Years	10 Years
	Battery Type	12V/9Ah Long Life	12V/9Ah Long Life	12V/9Ah Long Life	12V/9Ah Long Life
	Number of Internal Battery	Qty 4 Long Life Batteries	Qty 4 Long Life Batteries	N/A	N/A
	External Battery Module (EBM)	Qty 8 Long Life Batteries	Qty 12 Long Life Batteries	Qty 16 Long Life Batteries	Qty 16 Long Life Batteries
	Rated Battery Voltage	48VDC	72VDC	192VDC(192~240VDC configurable)	
	Runtime Backup Time @ Full Load	Approx. 4-5 Mins (Additional external battery modules increase runtime by approx. 15-20 mins per EBM)			
	Runtime Backup Time @ Half Load	Approx. 4 Mins			
Recharge Time (to 90%)	3 Hours	3 Hours	3 Hours	3 Hours	
Dimension	WxHxD	440 x 90 x 442 mm (2U)	440 x 90 x 610 mm (2U)	440 x 135 x 490 mm (UPS)(3U)	440 x 135 x 490 mm (UPS)(3U)
	External Battery Module (EBM)	440 x 85 x 430 mm (2U)	440 x 85 x 610 mm (2U)	440 x 130 x 790 mm (Battery)(3U)	440 x 130 x 790 mm (Battery)(3U)
Net Weight	14.6kg	27.8kg	17.5kg (UPS), 55kg (EBM)	20kg (UPS), 66kg (EBM)	
Transfer Time	Battery Mode ↔ Inverter Mode	0ms	0ms	0ms	0ms
	Inverter Mode ↔ Bypass Mode	4ms	4ms	0ms	0ms
	ECO Mode ↔ Battery Mode	<10ms	<10ms	<10ms	<10ms
Display		LCD	LCD	LCD	
Audible Alarm		Yes	Yes	Yes	
Environment	Operating Temperature	0-40° C	0-40° C	0-40° C	0-40° C
	Noise Level	<45dB @ typical load	<50dB @ typical load	<45dB @ typical load	<50dB @ typical load
Communication	RS232/USB	Yes	Yes	Yes	Yes
	Interface Slot	Yes	Yes	Yes	Yes
	Emergency Power Off	Yes	Yes	Yes	Yes
	SNMP	Optional	Optional	Yes	Yes
	Dry Contacts	Yes	Yes	Yes	Yes
Mounting	Rack Mount Rail Kits (UPS + EBM)	Yes	Yes	Yes	Yes
	Stabilizing Feet (UPS + EBM)	Yes	Yes	Yes	Yes
Regulatory	CE, CB report (TUV), IEC/EN 62040-1, IEC/EN 62040 -2, IEC/EN 62040-3				
Warranty	3 years for electronics - 2 years for batteries				