# Cyber Power

### **ONLINE S SERIES**

OLS2000EA/OLS3000EA















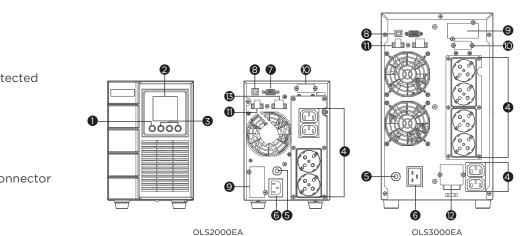
## The online double-conversion UPS with variable speed fans to provide power protection with less noise for business applications

Designed for office and data center applications, the Online S Series adopts double-conversion topology to provide seamless Pure Sine Wave output. The UPSs feature color LCD panel for users to monitor power system and configure settings easily. The products are generator compatible and also provide Emergency Power Off (EPO) switch that allows users to shut off UPS immediately during emergency. The variable speed fans provide automatic thermal management based on power load to reduce noise and provide greater comfort for users.

### SERIES FEATURES

- Online (Double Conversion) UPS Topology
- ECO Mode
- Generator Compatible
- Overload Protection
- Zero Transfer Time
- Smart Battery Management (SBM)
- Surge and Spike Protection

- EMI and RFI Filtration
- Color LCD Panel
- Variable Speed Fans
- Serial Connectivity Port
- Emergency Power Off (EPO) Port
- PowerPanel Management Software
- SNMP/HTTP Remote Management Capability (Optional)



#### PRODUCT CALLOUTS

- 1. Power On/Off Switch
- 2. LCD Display Panel
- 3. Function Button(s)
- 4. Battery Backup & Surge Protected Outlets
- 5. Input Circuit Breaker
- 6. AC Inlet
- 7. Serial Port
- 8. USB Port
- 9. SNMP/HTTP Network Slot
- 10. Extended Battery Module Connector
- 11. EPO Port
- 12. Output Terminal Block
- 13. Relay-type Dry Contact

### **TECHNICAL SPECIFICATIONS**

Model Name	OLS2000EA	OLS3000EA
General		
UPS Topology	Online Doubl	e Conversion
Energy Saving Technology	Online ECO Mode Efficiency > 95%	
Active PFC Compatibility	Ye	
Input		
Generator Compatibility	Ye	20
Nominal Input Voltage (Vac)	230 ±	
Input Voltage Range (Vac)	200 ~ 300	190 ~ 300
Input Frequency (Hz)	50 ± 10, 60 ± 10	
Input Frequency Detection	Auto-sensing	
Rated Input Current (A)	9	13.04
Input Power Factor	0.9	
Input Connector Type	IEC C14	IEC C20
Output		
Capacity (VA)	2000	3000
Capacity (Watts)	1800	2700
On Battery Waveform	Pure Sin	e 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	0.9	
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	
Harmonic Distortion (Linear Load)	THD<3%	
Harmonic Distortion (Non-linear Load)	THD<5%	
Outlet(s) - Total	4 [DE version] or 4 [IEC version]	7 [DE version] or 8 [IEC version]
Outlet Type	Schuko x 2, IEC C13 x 2 [DE version] or IEC C13 x 4 [IEC version]	Schuko x 4, IEC C13 x 2, Hardwire Terminal Block x 1 [DE version] or IEC C13 x 6, IEC C19 x 1, Hardwire Terminal Block x 1 [IEC version]
Outlet(s) - Battery & Surge Protected	Schuko x 2, IEC C13 x 2 [DE version] or IEC C13 x 4 [IEC version]	Schuko x 4, IEC C13 x 2, Hardwire Terminal Block x 1 [DE version] or IEC C13 x 6, IEC C19 x 1, Hardwire Terminal Block x 1 [IEC version]
Typical Transfer Time (ms)	0	
Typical Transfer Time (ms) Battery	C	)
Battery		
Battery Runtime at Half Load (min)	11.9	13.8
Battery Runtime at Half Load (min) Runtime at Full Load (min)	11.9 4	13.8 4.3
Battery Runtime at Half Load (min) Runtime at Full Load (min) Typical Recharge Time (Hours)	11.9 4	13.8 4.3
Battery Runtime at Half Load (min) Runtime at Full Load (min) Typical Recharge Time (Hours) Smart Battery Management (SBM)	11.9 4 	13.8 4.3
Battery Runtime at Half Load (min) Runtime at Full Load (min) Typical Recharge Time (Hours) Smart Battery Management (SBM) User-replaceable	11.9 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	13.8 4.3 25 0
Battery Runtime at Half Load (min) Runtime at Full Load (min) Typical Recharge Time (Hours) Smart Battery Management (SBM) User-replaceable Battery Type	11.9 4 	13.8 4.3 25 0
Battery Runtime at Half Load (min) Runtime at Full Load (min) Typical Recharge Time (Hours) Smart Battery Management (SBM) User-replaceable Battery Type Compatible Extended Battery Module (EBM)	11.9 4 2 Ye N Sealed L BPSE48V40A	13.8 4.3 4.3 o o pad-acid BPSE72V40A
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)	11.9 4 2 Ye N Sealed L	13.8 4.3 4.3 o o pad-acid BPSE72V40A
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module         (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering	11.9 4 2 3 3 4 3 4 3 4 3 3 3 3 3 3 3 3 3 3 3	13.8 4.3 es o ead-acid BPSE72V40A
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)	11.9 4 24 34 34 345	13.8 4.3 4.3 6 95 0 0 ead-acid BPSE72V40A 5 5 370
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration	11.9 4 2 3 3 4 3 4 3 4 3 3 3 3 3 3 3 3 3 3 3	13.8 4.3 4.3 6 95 0 0 ead-acid BPSE72V40A 5 5 370
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)	11.9 4 24 34 34 345	13.8 4.3 4.3 6 95 0 0 ead-acid BPSE72V40A 5 5 370
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration	11.9 4 24 34 34 345	13.8 4.3 4.3 55 0 59 6 50 55 55 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max.EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications	11.9 4 2 3 4 3 4 3 45 3 45	13.8 4.3 4.3 55 00 52 60 52 55 55 55 55 55 55 55 55 55 55 55 55
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel	11.9 4 24 24 24 24 24 24 24 24 24 25 25 26 26 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	13.8 4.3 4.3 bs o bead-acid BPSE72V40A c c 370 bs c ss LCD
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types	11.9 4 24 24 24 24 24 24 24 24 24 24 24 24 2	13.8 4.3 4.3 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port	11.9 4 24 24 24 24 24 24 24 24 24 24 24 24 2	13.8 4.3 4.3 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)	11.9 4 2 4 2 3 4 3 4 3 4 2 4 2 4 2 4 3 4 5 5 6 6 7 6 7 6 7 6 7 6 7 6 7 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7	13.8 4.3 4.3 95 0 ead-acid BPSE72V40A 5 5 370 95 1 CD 232 232
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max.EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port	11.9 4 2 3 4 3 4 3 4 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 45 5 6 10 10 10 10 10 10 10 10 10 10	13.8         4.3         4.3         25         0         bad-acid         BPSE72V40A         370         25         26         27         28
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EM//RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software	11.9 4 2 4 2 345 345 4 2 2 345 4 2 2 2 2 345 4 2 2 2 2 2 2 2 2 2 2 2 2 2	13.8         4.3         4.3         is         o         aad-acid         BPSE72V40A         is         370         is         120         is         370         is         121         122         is         is         is         370         is         (is)         is         (is)         is
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring	11.9 4 2 3 4 3 4 3 4 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 45 5 6 10 10 10 10 10 10 10 10 10 10	13.8         4.3         4.3         is         o         aad-acid         BPSE72V40A         is         370         is         120         is         370         is         121         122         is         is         is         370         is         (is)         is         (is)         is
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical	11.9 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 5 5 6 6 7 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7	13.8         4.3         iss         o         ead-acid         BPSE72V40A         is         370         iss         25         LCD         132         iss         iss         iss         iss         iss         iss (Recommended)         isl RMCARD205
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor	11.9 4 2 4 2 345 345 4 2 2 345 4 2 2 2 2 345 4 2 2 2 2 2 2 2 2 2 2 2 2 2	13.8         4.3         iss         o         ead-acid         BPSE72V40A         is         370         iss         25         LCD         132         iss         iss         iss         iss         iss         iss (Recommended)         isl RMCARD205
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module	11.9 4 2 3 3 4 2 3 4 2 3 4 2 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 45 2 3 45 47 4 47 47 47 47 47 47 47 47	13.8         4.3         4.3         is         oo         bad-acid         BPSE72V40A         is         370         is         370         is         322         is
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max.EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)	11.9 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 45 35 45 35 4 35 4 35 4 35 4 5 5 5 5 5 5 5 5 5 5 5 5 5	13.8         4.3         4.3         35         o         bad-acid         BPSE72V40A         370         35         12         370         25         32         25         32         25         35         36         370         25         370         25         370         25         370         25         370         25         370         25         370         25         370         25         26         27         28         29         29         29         29         20         21         22         23         24         25         26         27         28         29         29         20         21
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max.EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EM/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WXHxD) (mm.)         Weight (kg.)	11.9 4 2 3 3 4 2 3 4 2 3 4 2 3 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 45 2 3 45 47 4 47 47 47 47 47 47 47 47	13.8         4.3         4.3         is         oo         bad-acid         BPSE72V40A         is         370         is         370         is         322         is
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental	11.9 4 4 4 7 8 8 8 8 8 8 8 10 10 10 10 10 10 10 10 10 10	13.8         4.3         iss         o         ead-acid         BPSE72V40A         is         370         iss         25         LCD         132         iss         iss         iss         132         iss         iss         (Recommended)         ial RMCARD205         196 x 337 x 416         21.3
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WXHXD) (mm.)         Weight (kg.)         Environmental         Operating Temperature (°C)	11.9 4 2 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 45 35 45 35 4 35 4 35 4 35 4 5 5 5 5 5 5 5 5 5 5 5 5 5	13.8         4.3         iss         o         bead-acid         BPSE72V40A         is         370         iss         25         LCD         322         iss         iss (Recommended)         ala RMCARD205         196 x 337 x 416         21.3
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Panel         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental	11.9 4 4 4 7 8 8 8 8 8 8 8 10 10 10 10 10 10 10 10 10 10	13.8         4.3         4.3         35         o         bad-acid         BPSE72V40A         370         35         2         370         35         25         370         35         25         35         32         35         35         36         370         370         370         370         370         370         370         370         370         370         370         370         370         370         370         370         372         373         372         373         373         370         370         370         372         373         373         373         373         373         373         373         373
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental         Operating Temperature (°C)         Operating Relative Humidity	11.9         4         Ya         N         Sealed L         BPSE48V40A         345         Ya         Color         Ya         Color         Ya         Ya         Ya         Sealed L         BPSE48V40A         345         Ya         Color         Ya         PowerPanel Busines         Yes - with optior         Tow         151 x 225 x 394         17.4	13.8         4.3         4.3         35         o         bad-acid         BPSE72V40A         370         35         2         370         35         25         370         35         25         35         232         35         35         36         370         37
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental         Operating Temperature (°C)         Operating Relative Humidity (Non-condensing) (%)	11.9         4         Y4         N         Sealed L         BPSE48V40A         345         Y4         Color         Y4         Color         Y4         Color         Y4         Y4      Y4<	13.8         4.3         4.3         iss         o         ead-acid         BPSE72V40A         is         370         iss         232         iss         iss         iss         106 x 337 x 416         21.3
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max. EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental         Operating Temperature (°C)         Operating Relative Humidity (Non-condensing) (%)         Online Thermal Dissipation (BTU/hr)         Certifications	11.9         4	13.8         4.3         is         o         pead-acid         BPSE72V40A         is         370         is         25         LCD         322         is         is         is         1023
Battery         Runtime at Half Load (min)         Runtime at Full Load (min)         Typical Recharge Time (Hours)         Smart Battery Management (SBM)         User-replaceable         Battery Type         Compatible Extended Battery Module (EBM)         Max.EBM Quantity (pcs)         Surge Protection & Filtering         Surge Suppression (Joules)         EMI/RFI Filtration         Management & Communications         LCD Types         HID Compliant USB Port(s)         Serial Port         Dry Contact (with Relay)         Emergency Power Off (EPO) Port         Power Management Software         SNMP/HTTP Remote Monitoring         Physical         Form Factor         Physical Size - UPS Module         Dimensions (WxHxD) (mm.)         Weight (kg.)         Environmental         Operating Relative Humidity (Non-condensing) (%)         Online Thermal Dissipation (BTU/hr)	11.9         4         Y4         N         Sealed L         BPSE48V40A         345         Y4         Color         Y4         Color         Y4         Color         Y4	13.8         4.3         iss         o         ead-acid         BPSE72V40A         is         370         iss         122         iss         iss

\*Certifications may vary according to different regions. Visit www.cyberpower.com for more information. #All specifications are subject to change without notice.

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