

	UPS AT-UPS1200R-RACK 1200 VA EAST	UPS AT-UPS1500R-RACK 1500 VA EAST	UPS AT-UPS600R-RACK 600 VA EAST	UPS VL-1000-RTD-CD 1000 VA	UPS AT-UPS1000H-RACK 1000 VA EAST	UPS AT-UPS1000RT-RACK 1000 VA EAST	UPS AT-UPS1000RT2-RACK 1000 VA EAST	UPS VL-1000R/U 1000 VA PowerWalker	UPS VL-500R/UU 500 VA PowerWalker	UPS VL-750R/UU 750 VA PowerWalker	UPS VL-1500R/UU 1500 VA PowerWalker
											
Power adapter type	180.38 EUR 180.38 EUR	181.50 EUR 181.50 EUR	131.29 EUR 131.29 EUR	547.26 EUR 547.26 EUR	289.65 EUR 289.65 EUR	405.97 EUR 405.97 EUR	405.97 EUR 405.97 EUR	469.52 EUR 469.52 EUR	221.14 EUR 221.14 EUR	285.51 EUR 285.51 EUR	535.61 EUR 535.61 EUR
Nominal power	720 W	900 W	360 W	800 W	800 W	800 W	800 W	600 W	300 W	450 W	900 W
Apparent Power	1200 VA	1500 VA	650 VA	1000 VA	1000 VA	1000 VA	1000 VA	1000 VA	500 VA	750 VA	1500 VA
Input voltage	230 V AC ± 25 %	230 V AC ± 25 %	230 V AC ± 25 %	161 ... 276 V AC	230 V AC ± 25 %	230 V AC ± 25 %	230 V AC ± 25 %	165 ... 290 V AC	165 ... 290 V AC	165 ... 290 V AC	165 ... 290 V AC
Input frequency	50 / 60 Hz (auto detection)	50 / 60 Hz (auto detection)	50 / 60 Hz (auto detection)	50 / 60 Hz ± 5 % at standard mode > 40 Hz at generator mode	50 / 60 Hz (auto detection)	50 / 60 Hz (auto detection)	50 / 60 Hz (auto detection)	45 ... 55 Hz	45 ... 55 Hz	45 ... 55 Hz	45 ... 55 Hz
Output voltage	230 V AC ± 10 % (Approximated Sine Wave)	230 V AC ± 10 % (Approximated Sine Wave)	230 V AC ± 10 % (Approximated Sine Wave)	220 / 230 / 240 V AC (Pure Sine Wave)	230 V AC ± 5 % (Pure Sine Wave)	230 V AC ± 5 % (Pure Sine Wave)	230 V AC ± 5 % (Pure Sine Wave)	230 V AC (Pure Sine Wave)	230 V AC (Pure Sine Wave)	230 V AC (Pure Sine Wave)	230 V AC (Pure Sine Wave)
Output frequency	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	± 5 % RMS for whole range of battery voltages ± 0.1 % (battery mode)	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 / 60 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Voltage adjustment	—	—	—	—	✓	± 1 %	± 1 %	± 10 %	± 10 %	± 10 %	± 10 %
Frequency adjustment	—	—	—	—	—	—	—	—	—	—	—
Charging time (recover to 90% capacity)	—	≤ 8 hours	—	3 hours	4 hours	8 hours	4 hours	8 hours	8 hours	8 hours	8 hours
Battery	2 pcs - 12V/7Ah	2 pcs - 12V/8Ah	1 pcs - 12V/7Ah	3 x 12V/7Ah	3 x 12V/9Ah	2 x 12V/9Ah	3 x 12V/9Ah	4 x 6V/7Ah	2 x 6V/7Ah	2 x 6V/9Ah	4 x 6V/9Ah
Transfer time	2 ... 7 ms (typical), max. 10 ms	2 ... 7 ms (typical), max. 10 ms	2 ... 7 ms (typical), max. 10 ms	2 ... 6 ms (max. 10 ms) (13ms at generator mode)	4 ms	0 ms	4 ms	max. 4 ms	max. 4 ms	max. 4 ms	max. 4 ms
Additional protection	—	—	—	RJ11, RJ45	—	—	—	—	—	—	—
Estimated battery operation time	• 47 minutes @ 100 W, • 20 minutes @ 200 W, • 12 minutes @ 300 W, • 7 minutes @ 500 W	—	• 15 minutes @ 100 W, • 6 minutes @ 200 W, • 2 minutes @ 300 W	4.30 minutes (at full load)	• 35 minutes @ 200 W, • 16 minutes @ 400 W, • 12 minutes @ 500 W, • 10 minutes @ 600 W, • 7.5 minutes @ 700 W, • 6.5 minutes @ 800 W, • 5.5 minutes @ 900 W	—	• 35 minutes @ 200 W, • 16 minutes @ 400 W, • 10 minutes @ 600 W, • 6.5 minutes @ 800 W, • 5.5 minutes @ 900 W	• 1.5 minutes @ 100% load • 11.4 minutes @ 50% load	• 0.8 minutes @ 100% load • 10.3 minutes @ 50% load	• 0.4 minutes @ 100% load • 8.7 minutes @ 50% load	• 3.1 minutes @ 100% load • 12.1 minutes @ 50% load
Number of outputs	2 pcs CEE 7/3 (Schuko)	2 pcs CEE 7/3 (Schuko)	3 pcs IEC C13 1 pcs CEE 7/3 (Schuko)	8 pcs	4 pcs IEC-320 C13	2 pcs CEE 7/3 (Schuko)	• 1 pcs CEE 7/3 (Schuko), • 2 pcs IEC-320 C13	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket
Management software	UPSsmart (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSsmart (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSsmart (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	WinPower (Windows 95/98/2000/XP/Vista/7/8, MAC, Linux, FreeBSD, Solaris)	UPSsmart (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSsmart (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSsmart (Windows, Linux)	PowerMaster	PowerMaster	PowerMaster	PowerMaster
Protections	• Glass Fuse • Overvoltage • Overload protection • Ethernet filter	• Glass Fuse • Overvoltage • Overload protection • Ethernet filter	• Glass Fuse • Overvoltage • Overload protection • Ethernet filter	Overload	• Glass Fuse • Short-circuit • Overload • Overcharge protection • discharge protection • Output voltage filtering • DC filter to eliminate interferences - EM/RFI • EPO (Emergency power off) switch	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch • Ethernet filter	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch	• Glass Fuse • Overvoltage • Overload protection • EPO (Emergency power off) switch
Operation state indication	• LCD display: in/out voltage level, in frequency, battery capacity, load, alarm, • Sound signaling	• LCD display: in/out voltage level, in frequency, battery capacity, load, alarm, • Sound signaling	• LCD display: in/out voltage level, in frequency, battery capacity, load, alarm, • Sound signaling	—	• LCD display: operation mode, battery charging level, in/out voltage level, overload indicator, • LED diodes, • Sound signaling	• LCD display: operation mode, battery charging level, in/out voltage level, overload indicator, • Sound signaling	• LCD display: operation mode, battery charging level, in/out voltage level, overload indicator, • Sound signaling	• LCD display: operation mode, battery charging level, in/out voltage level • Sound signaling - with Mute function	• LCD display: operation mode, battery charging level, in/out voltage level • Sound signaling - with Mute function	• LCD display: operation mode, battery charging level, in/out voltage level • Sound signaling - with Mute function	• LCD display: operation mode, battery charging level, in/out voltage level • Sound signaling - with Mute function
Main features	• Auto restart while AC is recovering • Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with power generators • Remote management - UPSsmart application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • self test feature • USB interface	• Auto restart while AC is recovering • Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with power generators • Remote management - UPSsmart application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • self test feature • USB interface	• Auto restart while AC is recovering • Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with power generators • Remote management - UPSsmart application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • self test feature • USB interface	• Auto restart while AC is recovering • The device has a rotating display • Excellent microprocessor control guarantees high reliability • COLD START function for manual switch to the battery power supply • Automatic Voltage Regulator (AVR) • UPS auto diagnostic system • Short-time charging • Alarms indication on LCD: blue, red, blinking red based on UPS status • 4 x ICE C13 programmable outlets • Battery charging at power off mode • "Cold Start" function • Energy Saving function (possibility to deactivate from software)	• Auto restart while AC is recovering • The device has a rotating display • Excellent microprocessor control guarantees high reliability • COLD START function for manual switch to the battery power supply • Automatic Voltage Regulator (AVR) • Battery charge and maintenance control • Port RS-232 - Access from PC • Remote management - UPSsmart application included • Built-in EMI, RFI filter • Battery replacement during operation (Hot-swap) • Network card slot • Can be mounted in a Rack 19" cabinet • The device works with power supply adapters having Active Power Factor Correction (APFC)	• Auto restart while AC is recovering • The device has a rotating display • Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with power generators • Remote management - UPSsmart application included • Built-in EMI, RFI filter • The device works with power supply adapters having Active Power Factor Correction (APFC) • Excellent microprocessor control guarantees high reliability • UPS auto diagnostic system • Battery charge and maintenance control • USB/RS-232 communication port	• Auto restart while AC is recovering • The device has a rotating display • Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with power generators • Remote management - UPSsmart application included • Built-in EMI, RFI filter • Battery replacement during operation (Hot-swap) • The device works with power supply adapters having Active Power Factor Correction (APFC) • Excellent microprocessor control guarantees high reliability • UPS auto diagnostic system • Battery charge and maintenance control • USB/RS-232 communication port	• Auto restart while AC is recovering • "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	• Auto restart while AC is recovering • "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	• Auto restart while AC is recovering • "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	
Application	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• medium-sized enterprise • Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment	• Surveillance Systems • data storage centers • network, servers, workstations • Industrial Equipment
Housing type	Rack 19"	Rack 19"	Rack 19", 2U	Rack/Tower 2-in-1 Design	Rack/Tower 2-in-1 Design	Rack/Tower 2-in-1 Design	Rack/Tower 2-in-1 Design	RACK	RACK	RACK	RACK
Operation temp. / Relative humidity	0 °C ... 40 °C / 0 ... 90 %	0 °C ... 40 °C / 0 ... 90 %	0 °C ... 40 °C / 0 ... 90 %	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)	0 °C ... 40 °C / 0 ... 90 % (non-condensing)
Weight	113 kg	13.3 kg	7.86 kg	16.2 kg	11.4 kg	13.32 kg	14.3 kg	14.33 kg	7.76 kg	8.81 kg	16.31 kg
Dimensions	440 x 310 x 90 mm RACK 19", 3U	440 x 310 x 132 mm, RACK 19", 3U	483 x 345 x 88 mm	440 x 88 x 320 mm; RACK 19", 2U	440 x 88 x 320 mm; RACK 19", 2U	440 x 88 x 478 mm; RACK 19", 2U	440 x 88 x 430 mm; RACK 19", 1U	435 x 400 x 44 mm; RACK 19", 1U	435 x 235 x 44 mm; RACK 19", 1U	435 x 235 x 44 mm; RACK 19", 1U	435 x 400 x 44 mm; RACK 19", 1U
Manufacturer / Brand	EAST	EAST	EAST	EAST	EAST	EAST	EAST	PowerWalker	PowerWalker	PowerWalker	PowerWalker
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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