










	UPS AT UPS1200R-RACK 1200 VA EAST	UPS AT UPS1500R-RACK 1500 VA EAST	UPS AT UPS650R-RACK 650 VA EAST	UPS VL1000-RT/LCD 1000 VA	UPS AT UPS1000RT-RACK 1000 VA EAST	UPS VL1000/RTU 1000 VA PowerWalker	UPS VL500/RTU 500 VA PowerWalker	UPS VL750/RTU 750 VA PowerWalker	UPS VL1500/RTU 1500 VA PowerWalker
									
Nominal power	151.71 EUR 186.60 EUR	163.34 EUR 200.91 EUR	134.35 EUR 165.25 EUR	411.47 EUR 506.11 EUR	370.59 EUR 455.83 EUR	318.68 EUR 391.98 EUR	214.29 EUR 263.59 EUR	231.69 EUR 284.98 EUR	405.67 EUR 498.97 EUR
Apparent Power	720 W 1200 VA	900 W 1500 VA	360 W 650 VA	900 W 1000 VA	800 W 1000 VA	600 W 1000 VA	300 W 500 VA	450 W 750 VA	900 W 1500 VA
Input voltage	230 V AC ± 25 %	230 V AC ± 25 %	230 V AC ± 25 %	161 ... 276 V AC	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)	45 ... 55 Hz	45 ... 55 Hz	45 ... 55 Hz	45 ... 55 Hz
Output frequency	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 / 60 Hz ± 1 %	50 Hz	50 Hz	50 Hz	50 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 (Pure Sine Wave)	230 V AC (Pure Sine Wave)	230 V AC (Pure Sine Wave)	230 V AC (Pure Sine Wave)
Voltage adjustment	—	—	—	± 5 % RMS for whole range of battery voltages	± 1 %	± 10 %	± 10 %	± 10 %	± 10 %
Frequency adjustment	—	—	—	± 0.1 % (battery mode)	—	—	—	—	—
Charging time (recover to 90% capacity)	—	≤ 8 hours	—	3 hours	8 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	2 x 12V/9Ah	4 x 6V/7Ah	2 x 6V/7Ah	2 x 6V/8Ah	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)	0 ms	max. 4 ms	max. 4 ms	max. 4 ms	max. 4 ms
Additional protection	—	—	—	RJ11, RJ45	—	—	—	—	—
Backup 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)	—	• 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)	4 pcs IEC C13	8 pcs	2 pcs CEE 7/3 (Schuko)	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket	4 pcs IEC320 C13 socket
Management software	UPSmat (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSmat (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	UPSmat (Windows 95/98/2000/XP/Vista/7/8/10, Linux)	WinPower (Windows 98/2000/XP/Vista/7/8, MAC, Linux, FreeBSD, Solaris)	UPSmat (Windows 95/98/2000/XP/Vista/7/8/10, 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 • 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
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, • 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	• Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with generators • Remote management - UPSmat application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • autodiagnostic feature • USB interface	• Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with generators • Remote management - UPSmat application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • autodiagnostic feature • USB interface	• Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with generators • Remote management - UPSmat application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • autodiagnostic feature • USB interface	• GreenPower UPSTMT Technology • EPO (Emergency power off) function • Automatic Voltage Regulator (AVR) • UPS auto diagnostic system • Short-time charging • Auto restart and charging • USB/RS-232 communication port • LCD, audio messages • Alarms indication on LCD: blue, red, blinking red based on UPS status • 4 x IEC C13 programmable outlets • Battery charging at power-off mode • "Cold Start" function • Energy Saving function (possibility to deactivate from software)	• Automatic Voltage Regulator (AVR) • "Cold Start" function • Compatible with generators • Remote management - UPSmat application included • Built-in EMI, RFI filter • Excellent microprocessor control guarantees high reliability • UPS auto diagnostic system • Battery charge and maintenance control • USB/RS-232 communication port	• "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	• "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	• "Cold Start" function • Expansion slot • Battery charge and maintenance control • USB/RS-232 communication port	• "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
Housing type	Rack 19"	Rack 19"	Rack 19", 2U	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 / 20 ~ 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	13.3 kg	13.3 kg	7.72 kg	16.2 kg	13.32 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	438 x 436 x 86.5 mm	440 x 88 x 478 mm ; RACK 19", 2U	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	PowerWalker	PowerWalker	PowerWalker	PowerWalker
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years

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