BENDER
The Power in Electrical Safety©

Productspecificatie SMX1200XLHG

OUTPUT

Output Volt Amp Capacity (VA)	1000
Output Watt Capacity (watts)	750
Nominal Output Voltage(s) Supported	220V; 230V; 240V
Nominal Voltage details	230v nominal inverter output voltage
Frequency compatibility	50 / 60 Hz
Frequency compatibility details	Automatic frequency selection
Output voltage regulation (line mode)	-18%, +8%
Built-in UPS output receptacles	6 C13 outlet(s)

INPUT

Rated input current (at maximum load)	5A
Nominal Input Voltage(s) Supported	230V AC
UPS input connection type	C14 inlet
UPS Input cord length (ft.)	6 inch dongle, 16 gauge
UPS Input cord length (m)	1.83
Recommended Electrical Service	10A 230V
Voltage compatibility (VAC)	230
Phase	Single-Phase

BATTERY

Full load runtime (minutes)	11 min. (750w)
Half load runtime (minutes)	27.5 min. (375w)
Expandable battery runtime	Supports extended runtime with optional BP36V15-2U (limit 1) and BP36V42-3U external battery pack (multi-pack compatible)
External battery pack compatibility	BP36V15-2U (limit 1); BP36V42-3U (multi-pack compatible); BP36V27-2US (multi-pack compatible)
DC system voltage (VDC)	36
Battery recharge rate (included batteries)	Less than 4.5 hours from 10% to 90%
Replacement battery cartridge (internal UPS battery replacement)	RBC53
Battery Access	Battery access door allows hot swap battery replacement without powering connected equipment off
Typical battery lifespan	3-6 years, depending on usage

VOLTAGE REGULATION

Voltage regulation description	Line interactive UPS offers 2 boost levels of brownout correction and a single level of overvoltage adjustment to maintain usable, computer grade output without consuming battery power over an input voltage range of 155 to 274V AC.
Overvoltage correction	Input voltages between 245 and 274V AC are reduced by 9%
Undervoltage correction	Input voltages between 183 and 199 are boosted by 10%
Severe undervoltage correction	Input voltages between 156 and 182 are boosted by 21%
Direct pass through	Input voltages between 200 and 244V AC are passed through unchanged

LEDS ALARMS & SWITCHES

LED Indicators	5 LEDs indicate line power, battery power, overload, voltage regulation and battery low/replace status
Alarms	3 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel functions

SURGE / NOISE SUPPRESSION

UPS AC suppression joule rating	340 joules
EMI / RFI AC noise suppression	Yes
AC suppression response time	Instantaneous

PHYSICAL

Installation form factors supported with included accessories	Tower
Installation form factors supported with optional accessories	Wallmount (UPSWM - tower mounting kit)
UPS / Power Module dimensions in primary form factor (height x width x depth / inches)	12.7 x 7.5 x 9.1
UPS / Power Module dimensions in primary form factor (height x width x depth / cm)	32.3 x 19 x 23.1
UPS / Power Module weight (lbs)	45.5
UPS / Power Module weight (kg)	20.7
UPS Shipping dimensions (height x width x depth / inches)	18.5 x 12.2 x 13.4
UPS Shipping dimensions (height x width x depth / cm)	47 x 31 x 34

PHYSICAL

Shipping weight (lbs)	48.8
Shipping weight (kg)	22
Cooling method	UPS cooling via rear-exit fan
UPS housing material	PVC

ENVIRONMENTAL

Operating Temperature Range	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature Range	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing
AC mode BTU / hr. (full load)	252.2
Battery mode BTU / hr. (full load)	252.2

COMMUNICATIONS

Communications interface	USB; DB9 Serial
Software and cabling included	PowerAlert UPS monitoring software is included on CD-ROM for all common network and standalone operating systems. Ships with 2 cables, 1-USB to USB & 1-DB9 to DB9

LINE / BATTERY TRANSFER

Transfer time	2-4 milliseconds
Low voltage transfer to battery power (setpoint)	155
High voltage transfer to battery power (setpoint)	274

SPECIAL FEATURES

Grounding lug	Back panel grounding lug
Cold Start (startup in battery mode during a power failure)	Cold-start operation supported
Appearance	Attractive gray tower UPS

CERTIFICATIONS

Certifications	Tested to CE, IEC 60601-1 (Medical), Class B (Emissions)

WARRANTY

Product Warranty Period (International)	2-year limited warranty
Product Warranty Period (Mexico)	2-year limited warranty
Product Warranty Period (Puerto Rico)	2-year limited warranty