

# X-10

## 1200 W (10 Amps)

Model Number: 12060X-10 (BB, WW, SS)



The X-10 is a wall-mounted converter that provides 10 Amps of regulated 120v~60Hz output and is suitable for powering multiple appliances simultaneously using the included Xchange® Extension Outlet

- Frequency Converter
- Voltage Converter
- Sophisticated Voltage Regulator
- Surge Protection
- Short Circuit Protection
- Over-Current Protection
- Power Factor Correction (PFC)
- Thermal Protection
- Lightweight
- High Efficiency
- Input EMI and RFI Filters
- Output EMI and RFI Filters
- Low Harmonic Distortion
- Sealed, Solid State Electronics
- External Cooling Fan
- Continuous Power
- Audible Alarms
- Led Status Indicator
- Wall Mount Option with Included Kit
- Desktop unit with Removable Legs
- Includes Xchange® Extension Outlet

<b>Output</b>	Output Voltage	120Vac
	Output Current-Amps @ 60Hz	10A
	Voltage Regulation	± 2% of Rating Voltage
	Output Frequency	60Hz (Auto-Synchronized to Mains)
	Crest Factor	4:1
	Voltage Waveform	Sine Wave
	Output Distortion (Resistive Load)	<2%
	Output Distortion (Reactive Load)	<3%
	Allowed Peak Current	40A
	Standby Power	15W
Total Harmonic Distortion	< 3% at 100% Linear Load	
Output EMI Filter	150Khz - 30Mhz	
Output RFI Filter	30Mhz - 1000Mhz	
Clamp Level	190V	
<b>Protection</b>	Over Current Protection	<u>Over Load Alarm Level:</u> 100% ~ 135% (alarm after 1 minute delay, shutdown after 1 minute alarm) <u>Over Load Shutdown Level:</u> 136% (shutdown after 2 second delay)
	Short Circuit Protection	Pulsating Type, 40A Peak Auto-Restart time: 30 seconds
<b>Input</b>	Nominal Voltage	200V/220V/230V/240V
	Maximum Continuous Load	1200W
	Maximum Peak Load	2000W
	Input Frequency	46Hz ~ 65Hz
	Phase	Single
	Noise Filtering	Full-Time EMI/RFI Filtering
	Input EMI Filter	150Khz - 30Mhz
	Input RFI Filter	30Mhz - 1000Mhz
	Over Current Protection	By Re-Settable Over Current Protector
	Voltage Range	180Vac ~ 265Vac
Power Factor	> 0.95	
Audible Alarm	<u>Over Load Alarm:</u> Continuous alarm <u>Short-Circuit Alarm:</u> 1 beep every 2 seconds <u>Thermo Alarm:</u> Every other 2 seconds, 32 beeps in 2 seconds	
	Switch-on Surge (In-Rush Current)	<150A, 2ms
	Voltage Interruption Ride Through	30ms
<b>Efficiency</b>		>92%
<b>Indicators</b>	LCD	<i>Not Applicable</i>
	LED	<u>Overload:</u> X blinks every 4 seconds <u>Over-Temperature:</u> X blinks every 2 seconds
<b>Environmental and Safety</b>	Operating Temperature	Up to 2000 Meters: 0° to 45°C (32°F to 113°F)
	Transit/Storage Temp	-15°C to 60°C (5°F to 140°F)
	Relative Humidity	5 – 95% Non-Condensing
	Operating Altitude	0~ 3000 Meters
	Moisture Sensitivity	Sealed Electronics
<b>Cooling</b>	Natural Ventilation	Yes
	External Cooling Fan Control	Auto on/off, controlled by heat sink temperature & load level
<b>Physical</b>	Dimensions LxWxH (cm)	41.50 x 27.50 x 12.50 cm 16.34 x 10.83 x 4.92 in
	Weight	9.48 kgs
	Net/Gross (kgs/lb)	20.90 lbs
	Carton Dimensions LxWxH (cm)	58 x 30 x 54 cm
	Shipping Weight	22.83 x 11.81 x 21.26 in 16.14 kgs 35.58 lbs
<b>Standard Accessories</b>		Wall Mount, Extension Outlet, (4) Input Cord Types: F, G, I, M
<b>Warranty</b>		2 Years, Full Replacement
<b>Quality Control Standard</b>		ISO9001
<b>International Approvals</b>		UL-ULus (CCN: QQFU/7) Power Units Other Than Class 2, UL 1012, Seven Edition, October 14, 2008 UL-cUL: CAN/CSA-C22.2 No. 107.1-01, September, 2001 DEMKO-CB IEC60950-1:2005+A1:2009+A2:2013 (Ed. 2.2) TUV/SUD-CB IEC 60335-1:2010+A1:2013 (Ed. 5.1) FCC: CISPR22 AND Part15B ClassB RoHS Compliant Directive 2002/95/EC