

Hi-Temp Power Supply

Ultra-high efficiency 1U size

PLUG & PLAY POWER next generation power source

FEATURES

- -20 °C to +70 °C operating ambient temp
- 1.5V to 58V standard output voltages
- · All outputs fully floating
- Extra low profile: 1U height (40mm)
- Ultra high efficiency, up to 90%
- Plug & Play Power
 allows fast custom configuration
 allow easy maintenance logistics
- Reduced system heat dissipation
- Few electrolytic capacitors (all long life)
- Visual LED indicators
- Series / Parallel of multiple outputs
- 5V bias standby voltage provided
- Individual output control signals

APPLICATIONS INCLUDE

- Industrial equipment
- Telecommunications
- Outdoor display systems

The Xhite family of high temperature power supplies provides up to 600W in an extremely compact 1U x 260 x 127mm package. Designed as a configurable power supply, the Xhite family employs the innovative plug and play architecture that allows users to instantly configure a custom power solution in less than 5 minutes.

The Xhite family is ideal for use in harsh environments where there can be high ambient temperatures and wide temperature fluctuations. Operation at higher temperatures is made possible through employment of leading edge technologies and cooling techniques, making it possible for the Xhite to achieve unprecedented efficiencies of up to 90%.

The Xhite family consists of 2 *powerPac* models ranging in power levels from 400W to 600W. Each model may be populated with up to 6 *powerMods* selected from the table of *powerMods* shown below.

All configurations carry full safety agency approvals, UL60950, EN60950 and are CE marked. For alternative power interfaces contact support@excelsys.com

powerMo	ods				
MODEL		Vnom			Watts
Xg1	1.5	2.5	3.6	25A	65W
Xg2	3.2	5.0	6.0	20A	100W
Xg3	6.0	12.0	15.0	10A	120W
Xg4	12.0	24.0	30.0	5A	120W
Xg5	28.0	48.0	58.0	ЗA	144W
Xg7	5.0	24.0	28.0	2.5A	60W
Xg8 V1 V2	5.0 5.0	24.0 24.0	28.0 28.0	1.5A 1.5A	36W 36W

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powerPacs

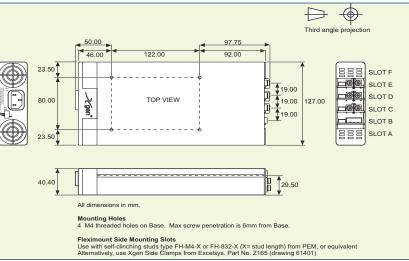
	MODEL	Watts
ite	XHA	400W
ЧX	ХНВ	600W
×	XHB	600W

EFFICIENCY (typical)





MECHANICAL SPECIFICATIONS



patents pending



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400W-600W Hi-Temp AC/DC Plug & Play Power Supply Series

SPECIFICATION applies to configured units consisting of powerMods modules plugged into the appropriate powerPac

INPUT					
Parameter	Conditions/Description	Min	Nom	Max	Units
Input Voltage Range	Universal Input	85		264	VAC
		120		380	VDC
Input Frequency Range		47		63	Hz
Power Rating XHA				400	W
XHB	Derate linearly from 600W at 120Vac to 425W at 85Vac 85VAC in 400W out		0.5	600	W
Input Current XHA XHB	85VAC in 400W dut 85VAC in 425W out		6.5 7.5		A
ХПВ	85VAC III 425VV OUL		7.5		A
Inrush Current	230VAC @ 25°C			25	A
Undervoltage Lockout	Shutdown	65		74	VAC
Fusing XHA	250V	00	F10A HRC	7 -	110
XHB	250V		F12A HRC		
OUTPUT					
Parameter	Conditions/Description	Min	Nom	Max	Units
powerMod Power	As per <i>powerMod</i> table			Max	
Output Adjustment Range	Manual: Multi-turn potentiometer. As per <i>powerMod</i> table				
output Aujustinent hunge	Electronic: See Xgen Designers' Manual				
Minimum Load			0		A
Line Regulation	For ±10% change from nominal line		0	±0.1	%
Load & Cross Regulation	For 25% to 75% load change			±0.1	%
Transient Response	For 25% to 75% load change Voltage Deviation			10.2	%
	Settling Time			250	μs
Ripple and Noise	20MHz Bandwidth			1.0	% pk-pł
Overvoltage Protection	1st level: Vset Tracking. 2nd level: Vmax (Latching)	110		125	% pix-pi
Overcurrent Protection	Straight line with hiccup activation at <30% of Vnom	110		120	%
	See Designer's Manual for full details				,
Remote Sense	Max. line drop compensation. (except Xg7, Xg8)			0.5	VDC
Overshoot				2	%
Turn-on Delay	From AC In / Enable signal			300 / 30	ms
Rise Time	Monotonic			5	ms
Hold-up Time	For nominal output voltages at full load.	20			ms
					VDC
Output isolation	Output to Output / Output to Chassis	500 / 500			100
Output Isolation	Output to Output / Output to Chassis	500 / 500			100
GENERAL			Nom	Мах	
GENERAL Parameter	Conditions/Description	Min	Nom	Max	Units
GENERAL Parameter	Conditions/Description Input to Output	Min 3000	Nom	Max	Units VAC
GENERAL Parameter Isolation Voltage	Conditions/Description Input to Output Input to Chassis	Min		Max	Units VAC VAC
GENERAL Parameter Isolation Voltage Efficiency	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V	Min 3000	Nom 90	Мах	Units VAC
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875	Min 3000			Units VAC VAC %
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C	Min 3000		Max 1.5	Units VAC VAC
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet	Min 3000 1500	90	1.5	Units VAC VAC % mA
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA	Min 3000			Units VAC VAC % mA
GENERAL Parameter	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA	Min 3000 1500	90	1.5	Units VAC VAC % mA
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod	Min 3000 1500	90	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod	Min 3000 1500	90	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans	Min 3000 1500	90	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard	Min 3000 1500	90 5.0 Level	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC	Min 3000 1500	90 5.0 Level	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN55011, EN55022, FCC	Min 3000 1500	90 5.0 Level	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2	Min 3000 1500	90 5.0 Level Level B Level B Level B	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN55011, EN55022, FCC	Min 3000 1500	90 5.0 Level Level B Level B	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2	Min 3000 1500	90 5.0 Level Level B Level B Level B	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2	Min 3000 1500	90 5.0 Level Level B Level B Compliant Compliant	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3	Min 3000 1500	90 5.0 Level Level B Level B Compliant Compliant Level 4 Level 3	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-4	Min 3000 1500	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-3	Min 3000 1500	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-5	Min 3000 1500	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh Units
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6	Min 3000 1500	90 5.0 Level Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10	1.5 5.1 1.0	Units VAC VAC % mA VDC fpmh fpmh Units
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immulty Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immuity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL Parameter	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-4-2 EN61000-4-3 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9	90 5.0 Level Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL Parameter Operating Temperature	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9 	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units V/m ms Units °C
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL Parameter Operating Temperature Storage Temperature	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-4-2 EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL Parameter Operating Temperature Derating	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9 	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units Units V/m ms Units °C °C
GENERAL Parameter Isolation Voltage Efficiency Safety Agency Approvals Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker and Fluctuation Immunity Electrostatic Discharge Radiated RFI Fast Transients - burst Input Line Surges Conducted RFI Voltage Dips ENVIRONMENTAL Parameter Operating Temperature Storage Temperature	Conditions/Description Input to Output Input to Chassis 230VAC, 900W @ 24V EN60950, UL60950, CSA22.2 No.950 UL File No. E181875 250VAC, 60Hz, 25°C See Xgen Series datasheet Always ON. Current 250mA Failures per million hours at 25°C and full load powerMod See Designers' Manual. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN61000-3-2 EN61000-4-2 EN61000-4-2 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-6 EN61000-4-11 (EN55024)	Min 3000 1500 4.9 4.9 	90 5.0 Level B Level B Level B Compliant Compliant Level 4 Level 3 Level 4 Class 4 10 10	1.5 5.1 1.0 0.6	Units VAC VAC % mA VDC fpmh fpmh Units V/m ms Units °C

1. This product is not intended for use as a stand alone unit and must be installed by qualified personnel.

2. The specifications contained herein are believed to be correct at time of publication and are subject to change without notice.

3. All specifications at nominal input, full load, 25°C unless otherwise stated.



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Hi-Temp