

Hi-Temp Power Supply

Ultra-high efficiency 1U size







PLUG & PLAY POWER next generation power solution

FEATURES & OPTIONS

- Ultra high efficiency, up to 89%
- Extra low profile: 1U height (40mm)
- Plug & Play Power allows fast custom configuration
- · Individual output control signals
- · All outputs fully floating
- · Series / Parallel of multiple outputs
- Few electrolytic capacitors (all long life)
- · Visual LED indicators
- · 5V bias standby voltage provided
- Up to 600W at 70degC
- SEMI F47 Compliant
- Standard Xgen product options include: Conformal Coating, Low Acoustic Noise, Low Leakage Current, Extra Ruggedisation, Connector, Cabling & Mounting options, Thermal Signals and Reverse Fans. See Section 4.10 for more information

APPLICATIONS INCLUDE

- · Industrial equipment
- · Telecommunications
- Outdoor display systems

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

The XH 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 XH to achieve unprecedented efficiencies of up to 90%.

The XH 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 and EN60950 2nd edition and carry the CE Mark.

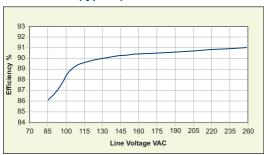
powerMods

MODEL	Vmin		Vnom	Vmax	lmax	Watts
	Vtrim	Vpot				
Xg1	1.0	1.5	2.5	3.6	26A	65W
Xg2	1.5	3.2	5.0	6.0	25A	100W
Xg3	4.0	6.0	12.0	15.0	10A	120W
Xg4	8.0	12.0	24.0	30.0	5A	120W
Xg5	8.0	28	48.0	58.0	ЗА	144W
Xg7		5.0	24.0	28.0	2.5A	60W
Xg8 v1		5.0	24.0	28.0	1.5A	36W
V2		5.0	24.0	28.0	1.5A	36W

powerPacs

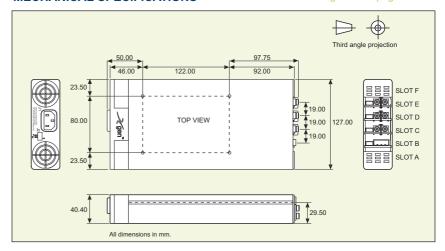
	MODEL	Watts
т	XHA	400W
×	XHB	600W

EFFICIENCY (typical)



MECHANICAL SPECIFICATIONS

Note: See diagrams on pages 34-37





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

Parameter	Conditions/Description	Min	Nom	Max	Units
Input Voltage Range	Universal Input 47-440Hz	85		264	VAC
		120		380	VDC
Power Rating	XHA:400W, XHB:600W				
Input Current XHA	See Section 4.11 for line voltage deratings 85VAC in 400W out		6.5		A
XHB	85VAC in 600W out		7.5		A
XIID	OOVAC III OOOVV Cut		7.0		/
Inrush Current	230VAC @ 25°C			25	Α
Undervoltage Lockout	Shutdown	65		74	VAC
Fusing XHA	250V		F10A HRC		
XHB	250V		F12A HRC		
OUTPUT					
Parameter	Conditions/Description	Min	Nom	Max	Units
powerMod Power	As per powerMod table				
Output Adjustment Range	Manual: Multi-turn potentiometer. As per powerMod table				
	Electronic: See Section 4.6				
Minimum Load			0		A
Line Regulation	For ±10% change from nominal line			±0.1 ±0.2	%
Load & Cross Regulation Transient Response	For 25% to 75% load change For 25% to 75% load change Voltage Deviation			±0.2	%
Transient Nesponse	Settling Time			250	% µs
Ripple and Noise	20MHz 100mV or 1.0% pk-pk				μ·-
Overvoltage Protection	1st level: Vset Tracking. 2nd level: Vmax (Latching)	110		125	%
Overcurrent Protection	Straight line with hiccup activation at <30% of Vnom	110		120	%
	See Section 4.6				
Remote Sense	Max. line drop compensation. (except Xg7, Xg8)			0.5	VDC
Overshoot Turn-on Delay	From AC in and Global Enable / powerMod Enable			2 700 / 6	% ma
Rise Time	Monotonic Promise / powerwind Enable			5	ms ms
Hold-up Time	For nominal output voltages at full load.	20		3	ms
Output Isolation	Output to Output / Output to Chassis	500 / 500			VDC
GENERAL					
Parameter	Conditions/Description	Min	Nom	Max	Units
Isolation Voltage	Input to Output	3000	Nom	WIAX	VAC
iooiation voitage	Input to Chassis	1500			VAC
Efficiency	230VAC, 600W @ 24V		90		%
Safety Agency Approvals					
	EN60950, UL60950, CSA22.2 No.950 UL File No. E181875				
Leakage Current	250VAC, 60Hz, 25°C		300		mA
Leakage Current Signals	250VAC, 60Hz, 25°C See Section 4.9	1.0			
Leakage Current Signals Bias Supply	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available	4.8	5.0	5.2	VDC
Leakage Current Signals	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod	4.8		0.958	VDC fpmh
Leakage Current Signals Bias Supply Reliability	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available	4.8			VDC
Leakage Current Signals Bias Supply Reliability EMC	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac	4.8	5.0	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod	4.8		0.958	VDC fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard	4.8	5.0	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC	4.8	5.0 Level	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard	4.8	5.0 Level B Level B	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC	4.8	5.0 Level	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3	4.8	Level B Level B Compliant Compliant	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2	4.8	Level B Level B Compliant Compliant Level 2	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-3	4.8	Level B Level B Compliant Compliant Level 2 Level 3	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-4	4.8	Level B Level B Compliant Compliant Level 2 Level 3 Level 3	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-5	4.8	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-4	4.8	Level B Level B Compliant Compliant Level 2 Level 3 Level 3	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-3 EN61000-4-5 EN61000-4-5 EN61000-4-6	4.8	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Level 3	0.958	VDC fpmh fpmh
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-5 EN61000-4-5 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.		Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Compliant	0.958 0.946	VDC fpmh fpmh Units
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL Parameter	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.	Min	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Level 3	0.958 0.946	VDC fpmh fpmh Units
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL Parameter Operating Temperature	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-5 EN61000-4-5 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.	Min -20	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Compliant	0.958 0.946 Max +70	VDC fpmh fpmh Units Units C
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL Parameter Operating Temperature	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.	Min	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Compliant	0.958 0.946	VDC fpmh fpmh Units
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL Parameter Operating Temperature	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.	Min -20	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Compliant	0.958 0.946 Max +70	VDC fpmh fpmh Units Units C
Leakage Current Signals Bias Supply Reliability EMC Parameter Emissions Conducted Radiated Harmonic Distortion Flicker & Fluctuation Immunity Electrostatic Discharge Radiated Immunity Fast Transients-Burst Input Line Surges Conducted Immunity Voltage Dips ENVIRONMENTAL Parameter Operating Temperature Storage Temperature Derating	250VAC, 60Hz, 25°C See Section 4.9 Always on. Current 250mA. 500mA option available Failures per million hours at 40°C and full load powerMod See Section 4.12. powerPac excludes fans powerPac Standard EN55011, EN55022, FCC EN55011, EN55022, FCC EN61000-3-2 Class A EN61000-3-3 EN61000-4-2 EN61000-4-2 EN61000-4-5 EN61000-4-6 EN61000-4-6 EN61000-4-6 EN61000-4-11, SEMI F47 compliant. See note 7.	Min -20 -40	Level B Level B Compliant Compliant Level 2 Level 3 Level 3 Level 3 Compliant	0.958 0.946 Max +70 +85	VDC fpmh fpmh Units Units °C °C

NOTES

- 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.
- 4. When powering inductive or capacitive loads, it is recommended to use a blocking diode on the output.
- 5. Conformal Coating option: See Sections 3.1 and 4.10 for details.
- 6. For section references above go to the Xgen Designers Manual.
- 7. SEMI F47 compliant at input voltages >160VAC. Consult Excelsys for details.



Xgen Flexabilty and Signals

For detailed infomation please refer to the Xgen Designers' Manual which is available on-line or contact Excelsys.

Voltage Adjustment

Output Voltage can be adjusted in a number of ways:

- 1. On board multi turn potentiometer
- 2. Remote resistive programming (via Vtrim pin)
- 3. Remote voltage programming (via Vtrim pin)

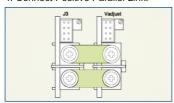
Current Limit Adjustment

Output current limit can be Straight line or Foldback and can be adjusted via Itrim pin.

Parallel Connection

To achieve increased current capacity, simply parallel outputs using the standard parallel links. Excelsys 'wireless' sharing ensures that current hogging is not possible. To parallel connect outputs:

- 1. Switch on IShare switch to ON on powerMods.
- 2. Connect Negative parallel link.
- 3. Adjust output voltages of powerMods to within 5mV of each other.
- 4. Connect Positive Parallel Link.

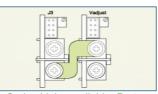


Parallel Links available to order. Part Number XP1

*Certain applications may require military grade potentiometer or fixed resistors - consult Excelsys for details.

Series Connection

To achieve increased output voltages, simply series outputs using standard series links, paying attention to the requirements to maintain SELV levels if required in your system.



Series Links available. Part Number XS1

Remote Sensing

When the load is remote from the power supply, the remote sense pins may be used to compensate for drops in the power leads. Where the power cabling contributes significant dynamic impedance, see Xgen series Designers' Manual.

Bias Voltage

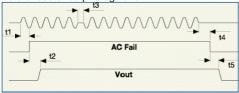
A SELV isolated bias (always on) voltage of 5V @ 250mA (30mA on XCE and XVE models) is provided on J2 pin 2 relative to J2 pin 1 (common) and may be used for miscellaneous control functions. 5V @ 500mA available on request.

Inhibit/Enable

Inhibiting may be implemented either globally or on a per module basis (powerPac or powerMod inhibiting). Reverse logic (enabling) may also be implemented.

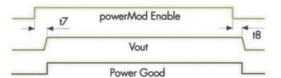
AC Fai

Open collector signal indicating that the input voltage has failed or is less than 80Vac. This signal changes state giving 5mS of warning before loss of output regulation.



Power Good

Opto-Isolated output signal indicates that the *powerMod* is operating correctly and output voltage is within normal band.



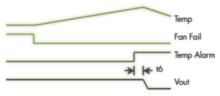
powerPac Options

Temperature Alarm (Option 01)

Open collector signal indicating excessive temperature has been reached due to fan failure or operation beyond ratings. This signal is activated at least 10ms prior to system shutdown.

Fan Fail (Option 01)

Open collector signal indicating that at least one of the *powerPacs* fans has failed. This does not cause power supply shutdown. The power supply will continue to operate until 10ms after the temperature alarm signal is generated.



Reverse Fan (Option 02)

The Xgen Series is available with reverse air flow direction. Contact Excelsys for derating details.

Ultra Low Leakage Current (Option 04)

The Xgen is availabe with the option of Ultra Low Earth Leakage Current of <150 μ A and is approved to EN60601-1 and UL60601-1 2nd and 3rd Editions

Conformal Coating (Option C)

The Xgen is available with conformal coating for harsh environments and MIL-COTs applications.

Ruggedised Option (Option R)

The Xgen is available with extra ruggedisation for applications that are subject to extremes in shock and vibration.

Input Cable Option (Option D)

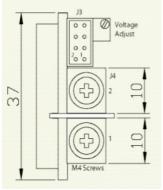
3 Wire input mains cable. Input cables are 300mm in length and come supplied with fast connectors.

Signal Connector Pinout

Pin	J2 (powerPac)	J3 (<i>powerMod</i>) Xg1-Xg5 Type A	J3 (<i>powerMod</i>) Xg7 Type A	J3 (<i>powerMod)</i> Xg8 Type B
1	common	+sense	not used	-pg (V2)
2	+5V bias	-sense	not used	+pg (V2)
3		V trim	not used	inhibit (V2)
4	ac fail	I trim	common	common (V2)
5	fan fail*	+inhibit/enable	-pg	-pg (V1)
6	global enable	-inhibit/enable	+pg	+pg (V1)
7	temp alarm*	+power good	inhibit	inhibit (V1)
8	global inhibit	-power good	common	common (V1)

^{*}Option 01 only

TYPE A Xg1-Xg7

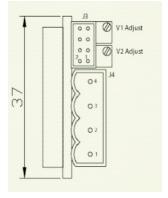


J4 Connector : M4 Screw

J3 Connector Mating Connector
Housing: Locking Molex 51110-0860
Non Locking Molex 51110-

Crimp Terminal: Molex p/n 50394

TYPE B: Xg8



J4Connector : Camden 9200/4A Wurth Elektronik 691 352 710 004

J3 Connector Mating Connector
Housing: Locking Molex 51110-0860
Non Locking Molex 51110-0850
Crimp Terminal: Molex p/n 50394

Xgen Product Selector

The Xgen series of user configurable power supplies with its unique plug and play architecture allows system designers to define and build 'instant' custom power solutions with industry leading 17W/in³ power density and up to 90% efficiency.

Xgen powerPacs

The application specific 4 slot and 6 slot *powerPacs* provide up to 12 isolated DC outputs from 200W up to 1340W. The table below summarises the *powerPacs* by application and power level. Please refer to the specific product datasheets for full specifications.

Application	Slots	200W	400W	600W	700W	750W	800W	900W	1000W	1200W	1340W
Standard	4 Slot	XLA	XLB	XLC		XLD					
	6 Slot		XCA		XCB				XCC	XCD	XCE
Medical	4 Slot	XMA	XMB	XMC		XMD					
	6 Slot		XVA		XVB				XVC	XVD	XVD
Low Noise Standard	4 Slot	XKA	XKB	XKC							
	6 Slot		XQA					XQB		XQC	
Low Noise Medical	4 Slot	XRA	XRB	XRC							
	6 Slot		XZA					XZB		XZC	
Ultra Quiet Standard	4 Slot	XTA	XTB								
	6 Slot		XBA	XBB			XBC				
Ultra Quiet Medical	4 Slot	XNA	XNB								
	6 Slot		XWA	XWB			XWC				
Hi-Temp	6 Slot		XHA	XHB							

Xgen powerMods

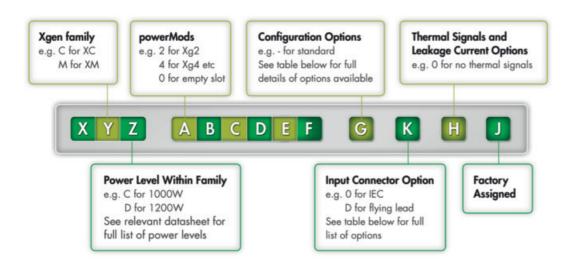
High Efficiency Plug and Play DC output modules to provide a wide range of DC output voltages from 1.0V up to 58.0V.

MODEL	Vm Vtrim	nin Vpot	Vnom	Vmax	Imax	Watts
Xg1	1.0	1.5	2.5	3.6	50A	125W
Xg2	1.5	3.2	5.0	6.0	40A	200W
Xg3	4.0	6.0	12.0	15.0	20A	240W
Xg4	8.0	12.0	24.0	30.0	10A	240W
Xg5	8.0	24.0	48.0	58.0	6A	288W
Xg7		5.0	24.0	28.0	5A	120W
Xg8 v1		5.0	24.0	28.0	3A	72W
V2		5.0	24.0	28.0	3A	72W

Standard Xgen product options include: Conformal Coating, Low Acoustic Noise, Low Leakage Current, Extra Ruggedisation, Connector, Cabling & Mounting options, Thermal Signals and Reverse Fans.



Configuring your Xgen



Example: XVD234580-D4A contains XVD *powerPac:* 1200W medically approved

Powermods

Xg2:5V/40A Xg3:12V/20A Xg4:24V/10A Xg5:48V/6A Xg8:24V/3A, 24V/3A

Option D: Input Cable option Option 4: 150µA Leakage current option

A: Factory assigned unique identifier