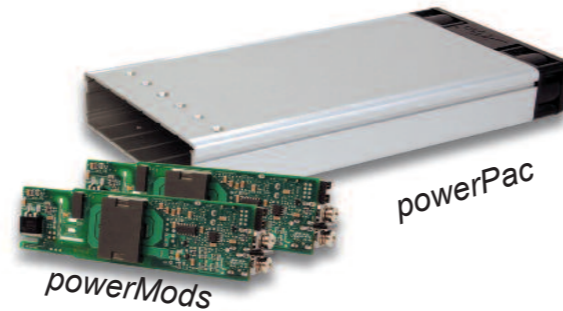


# Xgen Series

The Xgen series power supplies combine feature-laden front-ends (**powerPacs**) with slide-in output converters (**powerMods**). The plug-together architecture facilitates 'instant' custom power solutions with industry leading 15W/in<sup>3</sup> power density and up to 90% conversion efficiency.



## powerPacs (4slot package, 89mm wide)

	Family	MODEL	Watts
Standard	Xlite	XLA	200W
		XLB	400W
		XLC	600W
		XLD	750W
Low Noise	Xkite	XKA	200W
		XKB	400W
		XKC	600W

	Family	MODEL	Watts
Med	Xmite	XMA	200W
		XMB	400W
		XMC	600W
		XMD	750W
Low Noise Med	Xrite	XRA	200W
		XRБ	400W
		XRC	600W

## powerPacs (6slot package, 127mm wide)

	Family	MODEL	Watts
Standard	Xcite	XCA	400W
		XCB	700W
		XCC	1000W
		XCD	1200W
		XCE	1340W
High Temp	Xhite	XHA	400W
		XHB	600W
Low Noise	Xqite	XQA	400W
		XQB	900W
		XQC	1200W

	Family	MODEL	Watts
Med	Xvite	XVA	400W
		XVB	700W
		XVC	1000W
		XVD	1200W
		XVE	1340W
Low Noise Med	Xzite	XZA	400W
		XZB	900W
		XZC	1200W

## powerMods (for use with all powerPac models)

MODEL	V <sub>min</sub> (4)	V <sub>nom</sub>	V <sub>max</sub> (4)	I <sub>max</sub>	Watts
Xg1	1.0	2.5	3.6	50A	125W
Xg2	1.5	5.0	6.0	40A	200W
Xg3	4.0	12.0	15.0	20A	240W
Xg4	7.0	24.0	30.0	10A	240W
Xg5	7.0	48.0	58.0	6A	288W
Xg7	5.0	24.0	28.0	5A	120W
Xg8	v1	5.0	24.0	3A	72W
	v2	5.0	24.0	3A	72W

## HOW TO ORDER

**Configured Units** may be specified and ordered using the part numbering system shown below. For example, part number XVC123400-01 specifies the following 1000W medical power supply.

- 2.5V @ 40A 5V @ 40A 12V @20A 24v @ 10A
- Thermal signals suite fitted to powerPac

**Accessories** may be ordered directly using the part numbers shown.

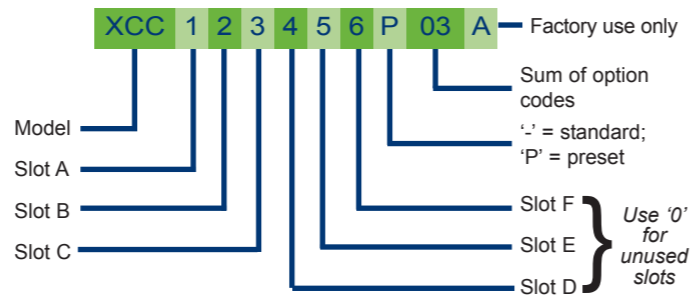
Part	Part No.
Left Slot Cover	XB1
Inner Slot Cover	XB2
Right Slot Cover	XB3
Series Link	XS1
Parallel Link	XP1

*Note that unused slots should be fitted with appropriate slot covers.*

**powerPacs** may be ordered directly using the model number shown in the tables followed by the appropriate option code suffix. E.g. XVB-01 is the part number for 700W **powerPac** with medical approval and thermal signals.

**powerMods** may be ordered directly using the model number shown in the powerMod table. E.g. Xg2 is the part number for a 5V 40A module.

**powerKits** consist of application specific **powerPacs** and a selection of **powerMods** packaged in a convenient carry case. Particularly useful for systems designers. See **powerKit** datasheet.



## Xgen Option Codes

Refer to the Option Code table on page 27

## Preset Units

Units are shipped with nominal output voltage unless presetting is specified. Excelsys can preset units to your exact requirements, through use of appropriate parallel and series links and through voltage adjustment to specific preset levels. See [www.excelsys.com](http://www.excelsys.com) for more details.

## Online Configuration and Ordering

Now build your Xgen product on-line using our configuration wizard. Simply enter your Volts and Amps requirements and the wizard will do the rest. Check out our configuration wizard on the excelsys website [www.excelsys.com](http://www.excelsys.com)

## Option Code Table

powerPac	powerMods							Option Codes		
XCC	1	2	3	4	5	8	P	B	3	A
Xgen power Pac family + power rating	Slot A powerMod	Slot B powerMod	Slot C powerMod	Slot D powerMod	Slot E powerMod	Slot F powerMod	P= Pre configured	0= standard IEC input	0=no additional signals	Factory assigned
	1= Xg1 powerMod	1= Xg1 powerMod	1= Xg1 powerMod	1= Xg1 powerMod	1= Xg1 powerMod	1= Xg1 powerMod	- = no configuration	A= Flying lead input length A	1= Thermal Signals	
	2= Xg2 powerMod	2= Xg2 powerMod	2= Xg2 powerMod	2= Xg2 powerMod	2= Xg2 powerMod	2= Xg2 powerMod	T= Conformal Coated	B= Flying lead input length A	2= Reverse Fan	
	3=Xg3 PowerMod	3=Xg3 PowerMod	3=Xg3 PowerMod	3=Xg3 PowerMod	3=Xg3 PowerMod	3=Xg3 PowerMod		C= Flying lead input length A	3= Thermals signals + Reverse Fan	
	4 = Xg4 PowerMod	4 = Xg4 PowerMod	4 = Xg4 PowerMod	4 = Xg4 PowerMod	4 = Xg4 PowerMod	4 = Xg4 PowerMod		D= Flying lead input length A		
	5= Xg5 powerMod	5= Xg5 powerMod	5= Xg5 powerMod	5= Xg5 powerMod	5= Xg5 powerMod	5= Xg5 powerMod				
	7= Xg7 powerMod	7= Xg7 powerMod	7= Xg7 powerMod	7= Xg7 powerMod	7= Xg7 powerMod	7= Xg7 powerMod				
	8 = Xg8 powerMod	8 = Xg8 powerMod	8 = Xg8 powerMod	8 = Xg8 powerMod	8 = Xg8 powerMod	8 = Xg8 powerMod				
Xcite, 1000W powerpac	Xg1 powerMod	Xg2 powerMod	Xg3 powerMod	Xg4 powerMod	Xg5 powerMod	Xg8 powerMod (Dual)	Pre Configured	Flying Lead length B	3= Thermals signals + Reverse Fan	
	1.5-3.6VDC/50A	3.0-6.0VDC /40A	6.0-15.0VDC /20A	12.0-30.0VDC /10A	28.0-58.0VDC/6A	5.0-28.0VDC/3A				
						5.0-28.0VDC/3A				

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