

XL+ 1-3KVA UPS

Pure Sinewave Line-Interactive

The Xcell series was developed in the early 2000's with the principal of Rugged Simplicity. Over the years this has been refined, now providing a Pure Sinewave Line-Interactive UPS with exceptional reliability and an extendable runtime through external battery modules or EBXL's.



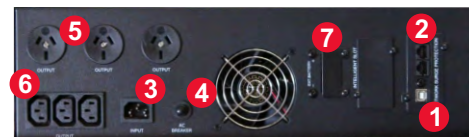
Features

- Pure sinewave line-interactive
- Rack/tower conversion
- Auto restart (when mains returns)
- Smart management / control software
- Lightning/surge protection and network protection
- Extendable runtimes via EBXL+ (extended battery module)
- Interactive LCD with adjustable settings

Rear Panel



1KVA
(2RU)



2/3KVA
(3RU)

- 1 - USB communication port
- 2 - Network surge protection
- 3 - IEC/terminal input
- 4 - Breaker
- 5 - 10AAus output
- 6 - IEC output
- 7 - EBXL+ extension

Runtime in minutes

Load VA/W	100VA 80W	200VA 160W	400VA 320W	500VA 400W	600VA 480W	800VA 640W	1000VA 800W	1200VA 960W	1500VA 1200W	2000VA 1600W	3000VA 2400W
XL+1000	67	45	29	22	15	11	7				
XL+1000 with EBXL+1-1	140	95	65	48	33	24	15				
XL+1000 with EBXL+1-2	207	140	92	70	47	25	22				
XL+2000	127	58	42	31	24	14	12	9	7	4	
XL+2000 with EBXL+2-1	254	117	85	63	49	29	25	19	14	9	
XL+2000 with EBXL+2-2	381	176	128	95	78	44	38	26	23	14	
XL+3000	171	130	54	46	34	29	21	16	9	8	3
XL+3000 with EBXL+3-1	342	260	108	94	69	60	43	33	19	17	6
XL+3000 with EBXL+3-2	513	390	162	140	99	94	65	50	29	26	9

* EBXL+ is an extended battery module designed specifically for use with the 1, 2 or 3KVA XL+ UPS.




* Only one EBXL+ to be used with a UPS.

* Run times are an estimate only.

Specifications			
Model	XL+1000	XL+2000	XL+3000
Capacity	1KVA/800W	2KVA/1.6KW	3KVA/2.4KW
Input			
Voltage range	177-300VAC		
Frequency	50 - 60Hz + / - 10% (Auto sensing)		
Phase	Single phase		
Max current Amps	5A (10AAus 3-Pin Plug)	8A (10AAus 3-Pin Plug)	12A (15AAus 3-Pin Plug)
Output			
Output voltage	220V, 230V, 240V LCD selectable		
Output voltage regulation	Nominal Voltage + / - 5%		
Frequency	50 - 60 Hz + / - 0.1Hz		
Wave form - AC mode	Pure sine wave		
Wave form - battery mode	Pure sine wave - entire battery range		
Transfer time	≤6ms		
Load crest factor	3:1		
Outlets	2 x 10AAus, 1 x IEC	3 x 10AAus, 3 x IEC	3 x 10AAus, 3 x IEC
Battery			
Battery type	Sealed maintenance free lead acid batteries		
Number of batteries	2 x 12V 7.5AH	3 x 12V 9AH	4 x 12V 9AH
Recharge time	90% within 4 hours		
Battery start	UPS can be started without an AC source		
Automatic restart	Restart after battery low and mains returns		
Protection			
Surge protection	1600 Joules / 40,000 Amps		
Input protection	Compliance with IEEE 587		
Short circuit	Resettable circuit breaker		
Safety & EMC	EN50091-1-1, EN50091-2, C Tick		
Modem	RJ45, Full time network protection		
Comms & Management			
Software	Windows 95/98/NT/2000/XP/7, Windows Server 2003/2008 Linux Debian, Redhat, Fedora, Suse, Ubuntu, Centos, Novell, Mac, FreeBSD		
Ports	USB standard		
Optional	SNMP, RS232, Relay contact output, AS400 relay contact		
LCD display	UPS status, I/P & O/P voltage frequency, load %, battery voltage & %, temperature, model		
LED display	Normal (Green), back up (Yellow), fault (Red)		
Audible alarm	Alarm - on battery, overload, short circuit, over temperature, abnormal operation		
Characteristics			
Audible noise	< 40dB at 1 Metre		
Temperature & humidity	0-40°C, 0-90% (non-condensing)		
Ventilation	Fan forced front to back. Requires 50mm at the front and 150mm at the rear		
Dimensions (WxDxH) / weight	440x338x88(2RU)/12.2kg	440x410x132(3RU)/21.3kg	440x410x132(3RU)/26.7kg
Shipping dimensions / weight	616x443x190/18kg	545x545x245/24.5kg	545x545x245/29.7kg
EBXL+ dimensions / weight	440x468x88(2RU)/10-24kg		
EBXL+ shipping dimensions / weight	580x590x200/13-27kg		

Specifications are subject to change without prior notice

Communication Accessories

SW012 SNMP card - remote monitoring and access to UPS via assigned IP address 	SW013 Relay card - trigger voltage free contacts to reflect UPS events and status 	SW014 RS232 - cereal port connection 
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Recommended Accessories

RK1000 L Rail -telescopic rail for rack mounting UPS (490-720mm) 	LLB9 Long Life batteries - 10-year design life battery upgrade 
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