XTREME POWER CONVERSION **V80Li**

Lithium-ion Pure Sine Wave Line Interactive // 120V

For more information, visit www.xpcc.com/v80li

Lithium-ion batteries provide longest life and reduced cost of ownership

Lithium-ion batteries provide 2X the battery life, better performance at higher temperatures and lower total cost of ownership compared to typical UPS with lead-acid batteries. Longer battery life helps eliminate the cost of battery replacement, labor, shipping and recycling.

V80Li UPS includes redundant Battery Management Systems (BMS) insuring cell voltage balancing, current sharing and protection for over-charge and over-discharge.

V80Li UPS is ideal for point-of-sale, routers, switches, servers and network devices.

For the world's smallest Lithium-ion UPS, reference the J60 at www.xpcc.com/j60

PRODUCT SNAPSHOT

- Available models: 700VA, 1000VA, 1500VA
- Easy to replace battery design
- Pure sine wave output
- Tower, wall, and rack mount configurations available
- UL, cUL, RoHS, TAA Compliant
- 5 years electronics, 5 years battery warranty (USA and Canada)

FEATURES

Lithium-ion Batteries—LiFePO4 batteries last up to 10 years or 2000 discharge cycles

Redundant Protection —redundant Battery Management Systems (BMS) insure cell balancing, current sharing, and protection from over-charge/discharge

Fast Recharge—recharge batteries in about 60 minutes after a full discharge

96% efficient operation—high efficiency ECO mode lowers energy consumption

Easy to Replace Battery—replace without interrupting the critical load

Web/SNMP Card —optional card provides monitoring of critical UPS parameters, alarms and status

High Temperature Operation—V80Li operates continuously at up to 113°F (45°C)

$25,000 load protection policy—protection against damaged connected equipment

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/v80li

MODEL NUMBER		V80-0.7kLi	V80-1kLi	V80-1.5kLi
CAPACITY	Power rating	700VA (420W)	1000VA (600W)	1500VA (900W)
INPUT	Voltage nominal	120VAC		
	Voltage range	82-148VAC		
	Frequency	50/60Hz auto-sensing		
OUTPUT	Voltage	120VAC		
	Waveform	Pure sine wave		
	Transfer time (typical)	2–6ms		
	Efficiency	Up to 96% ECO mode, 93% buck and boost mode		
	Harmonic distortion	2% @ 100% linear load; 5% @ 100% non-linear load		
BATTERY	Battery type	Lithium Iron Phosphate (LiFePO4) 12.8V 6AH		
	Internal battery strings	Li1, Li2, Li3, Li4	Li1, Li2	Li1, Li2
	Charging current	1, 3 and 6A selectable (6A default)		
	Recharge time to 95%	1 hour per string		
PHYSICAL	Dimensions (W x D x H)	17.2" x 16.1" x 3.5"		
	Weight	21.2, 23.4, 25.6, 27.8 lbs	24.2, 28.6 lbs	26, 30.4 lbs
	Line cord (detachable)	5ft, 5-15P to C13		
	Receptacles	(8) NEMA 5–15R		
ENVIRONMENT	Operating temperature	32–113°F (0–45°C)		
	Audible noise	< 40dBA		< 45dBA
	Altitude	11,500 ft above sea level		
APPROVALS		UL, cUL, RoHS, FCC Class A, battery packs comply to UL1973 and UN38.3 for battery transportation, TAA compliant		
WARRANTY		5 years electronics, 5 years battery warranty (USA and Canada)		
COMMUNICATIONS INTERFACE		RS-232, USB, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)		
INCLUDED IN BOX		Front mount rack brackets, line cord, tower pedestals, user manual, USB cable, Power Monitor software		
AVAILABLE OPTIONS		Bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket		

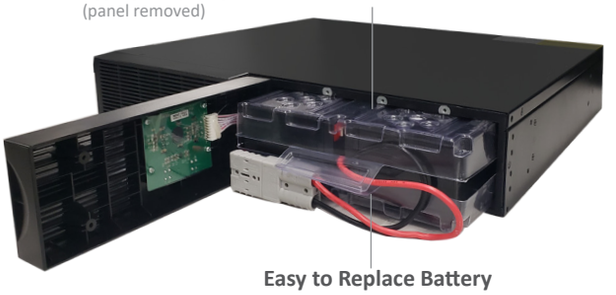
BATTERY RUNTIMES

	1 string (Li1)		2 string (Li2)		3 string (Li3)		4 string (Li4)	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%
V80-0.7kLi	16	<3	36	16	56	18	72	22
V80-1kLi	25	7	49	20	-	-	-	-
V80-1.5kLi	11	<3	32	11	-	-	-	-

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

V80-1.5kLi front view (panel removed)

Lithium-ion batteries provides up to 10 year battery life



Easy to Replace Battery replace without interrupting the critical load

Output receptacles

V80-1.5kLi rear view

Intelligent slot for optional communication card

Power Conversion®

Protect your business.

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