

# XTREME POWER CONVERSION G90

Online UPS // 208/230VAC

For more information, visit [www.xpcc.com/g90](http://www.xpcc.com/g90)



## Deliver clean and continuous power to IT equipment during power disturbances

The G90 revolutionizes power protection by delivering unprecedented operating efficiency, wattage density, and lower energy usage. Built with online double conversion technology, the G90 offers 0.9 output power factor and 98% efficiency in ECO mode which means you achieve the highest Power Usage Effectiveness (PUE) with the lowest utility power consumption.

### PRODUCT SNAPSHOT

- › Available models: 1000VA, 2000VA, 3000VA
- › Rack, tower, or wall mount
- › Online double conversion, 98% efficiency in ECO mode
- › 0.9 output power factor
- › Compact 2U rack space
- › CE, FCC A, EN 61000, IEC/EN 62040 listings
- › 2 years electronics, 2 years battery warranty

### FEATURES

**0.9 output power factor**—more wattage for high density loads. Provides up to 28.5% more real power than other lower power UPS technologies (0.7PF)

**98% efficient operation**—high efficiency ECO mode lowers energy consumption

**Online double conversion**—the G90 provides the highest level of power protection for critical electronics

**Smart LCD display**—vital monitoring and precise information from the front panel

**Multiple communications capability**—RS-232, USB and Web/SNMP

**Programmable power management outlets**—easily and independently control load segments

**Hot Swappable**—Internal battery trays are hot swappable for quick replacement

**Fast battery recharge**—typically less than 4 hour to recharge

**Almost infinite scalable runtime**—each battery pack has its own charger

**XTREME**  
Power Conversion®

Protect your business.

# MODEL SELECTION GUIDE

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MODEL NUMBER		G90-1000	G90-2000	G90-3000
CAPACITY	Power rating	1000VA (900W)	2000VA (1800W)	3000VA (2700W)
INPUT	Voltage range	160–290VAC		
	Frequency	50/60Hz auto sensing		
	Detachable AC power cord	6 ft, IEC C14 to IEC C13	6 ft, IEC C20 to IEC C19	
OUTPUT	Voltage	200/208/220/230/240VAC		
	Waveform	Pure sine wave		
	Frequency	50/60Hz auto sensing (line mode); 50/60 ± 0.02Hz (battery mode)		
	Power factor	0.9		
	Voltage regulation	± 2%		
	Crest factor	3:1		
	Outlets	(6) IEC C13	(8) IEC C13	(1) IEC C19 + (8) IEC C13
	Overload protection	150% for 30 sec; > 150% for 300 ms		
	Efficiency	98% ECO mode, ≥ 92% online mode		
BATTERY	UPS battery quantity and size	(3) 12V 9AH/36VDC	(6) 12V 9AH/72VDC	
	UPS/EBP charge current	1A (3 stage charger)		
	EBP battery quantity and size	(6) 12V 9AH/36VDC	(12) 12V 9AH/72VDC	
PHYSICAL	UPS dimensions (W x D x H)	440 x 430 x 86.5 mm (17.3 x 16.9 x 3.4 in)	440 x 690 x 86.5 mm (17.3 x 27.2 x 3.4 in)	
	UPS weight	16.2 kg (35.7 lbs)	28.1 kg (61.9 lbs)	29.2 kg (64.4 lbs)
	EBP dimensions (W x D x H)	440 x 430 x 86.5 mm (17.3 x 16.9 x 3.4 in)	440 x 690 x 86.5 mm (17.3 x 27.2 x 3.4 in)	
	EBP weight	24.0 kg (52.9 lbs)	46.0 kg (101.4 lbs)	
	ENVIRONMENT	Temperature	0–40°C (32–104°F)	
	Humidity	0–95% non-condensing		
	Altitude	3500 m (11,500 ft) above sea level		
APPROVALS		CE, EN 61000, IEC/EN 62040		
WARRANTY		2 years electronics, 2 years battery		
COMMUNICATIONS INTERFACE		RS-232, USB, Web/SNMP (optional)		
INCLUDED IN BOX		User manual, rack mount brackets, tower pedestals, power cord, software CD, USB & SNMP cables		
AVAILABLE OPTIONS		Bypass distribution module (XBDM), power distribution module (XPDU), rail kit		

## BATTERY RUNTIMES *(Runtimes are shown in minutes and will vary based on battery age and site conditions.)*

	UPS	+ (1) EBP	+ (2) EBP	+ (3) EBP	+ (4) EBP
Backup time*	Half/full	Half/full	Half/full	Half/full	Half/full
G90-1000 (0.8 PF load)	21/9	87/35	167/68	259/96	358/148
G90-1000 (0.9 PF load)	18/8	75/31	144/59	222/91	307/125
G90-2000 (0.8 PF load)	21/9	87/35	167/68	259/96	358/148
G90-2000 (0.9 PF load)	18/8	75/31	144/59	222/91	307/125
G90-3000 (0.8 PF load)	12/6	52/21	99/41	154/63	212/87
G90-3000 (0.9 PF load)	11/4	44/18	86/35	132/55	183/75

\*For runtimes up to 18 hours, contact sales@xpcc.com.

**X-TREME**  
Power Conversion®

Protect your business.

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