

XTREME POWER CONVERSION P90g

Online UPS // 208/230VAC

For more information, visit
www.republicpowersystems.com/P90G



Slim 2U form factor UPS delivers clean and continuous power to IT equipment during power disturbances

The P90g is a true online UPS that delivers continuous, high quality AC power to servers and network equipment with no break when transferring to battery.

The P90g provides tower, rack, and wall mount options. It protects your equipment from blackouts, brownouts, sags, surges, and noise interference. The P90g offers the lowest total cost of ownership by cutting energy costs and lowering heat output.

For maintenance bypass options, reference the XBDM at www.xpcc.com/xbdm

PRODUCT SNAPSHOT

- › Available models: 1500VA, 3000VA
- › Tower, wall, 2-post and 4-post rack mounting configurations available
- › CE, RoHS
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

0.9 output power factor—more real wattage for high density loads

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

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

Frequency converter—P90g can be programmed to convert from 50Hz to 60Hz or 60Hz to 50Hz

Load shedding capabilities—maximize uptime for critical loads and equipment by shedding less critical loads

Extended battery run-times—optional matching battery modules available for extended runtimes

Hot swappable battery—easy to replace without interrupting the load

Maintenance bypass—an optional XBDM bypass module enables the P90g to be replaced or serviced without interruption of power to critical loads

\$50,000 load protection policy—protection against damaged connected equipment

MODEL SELECTION GUIDE

For more information, visit
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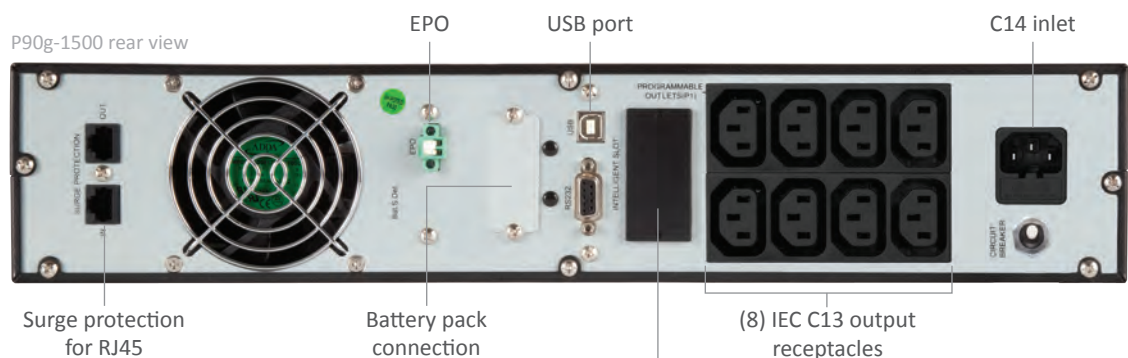
MODEL NUMBER		P90g-1500	P90g-3000
CAPACITY	Power rating	1500VA (1350W)	3000VA (2700W)
INPUT	Voltage range	110–300VAC*	
	Frequency	50/60Hz auto sensing	
	Surge protection	> 800J	
OUTPUT	Voltage	208/220/230/240VAC**	
	Waveform	Pure sine wave, zero transfer time	
	Frequency	50/60Hz ± 0.5Hz	
	THD (full load)	< 2%	
	Efficiency	98% ECO mode, 90% online mode	
	Crest factor	5:1	
	Overload capacity	≤ 130% for 2 min; ≤ 200% for 10 sec; >200% for 1 sec	
BATTERY	Battery type	Sealed, maintenance-free lead acid	
	Battery quantity and size	(3) 12V 9AH	(6) 12V 9AH
	Typical recharge	< 4 hours to 90% with 1A charger current	
PHYSICAL	Dimensions (W x D x H)	17.2 x 19.9 x 3.5 in	17.2 x 26.8 x 3.5 in
	Weight	41.7 lbs	65.7 lbs
	Line cord	8 ft, C13 to L6–20P	8 ft, C19 to L6–20P
	Receptacles	(8) IEC C13	(1) IEC C19 + (6) IEC C13
OPTIONAL BATTERY PACKS	Model number	P90-BP36 / 36E	P90-BP72
	Dimensions (W x D x H)	17.2 x 19.9 x 3.5 in / 17.2 x 24.8 x 3.5 in (E)	17.2 x 24.6 x 3.5 in
	Weight	58.1 lbs / 104.4 lbs (E)	104.4 lbs
	Battery	(6) 12V 9AH, 36V / (12) 12V 9AH, 36V (E)	(12) 12V 9AH, 72V
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)	
	Audible noise	< 45dBA	
	Altitude	11,500 ft above sea level	
APPROVALS		CE, RoHS	
WARRANTY		3 years electronics, 3 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		Software CD, horizontal brackets, tower pedestals, user manual	
AVAILABLE OPTIONS		5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket	

*Depending on load level; **P90g-3000 capacity derates 20% at 208VAC output voltage

BATTERY RUNTIMES

	Internal batteries		(1) Battery pack		(2) Battery packs	
Percentage load:	50%	100%	50%	100%	50%	100%
P90g-1500 (BP36)	13	4	54	22	102	42
P90g-1500 (BP36E)	13	4	102	42	N/A	N/A
P90g-3000 (BP72)	13	4	54	22	102	42

Maximum of two battery packs per P90g-1500 or P90g-3000 (excluding BP36E). Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



X-TREME
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 Protect your business.

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Intelligent slot for optional
 Web/SNMP, Modbus,
 Relay/dry contact cards

