

XTREME POWER CONVERSION P80g

Pure Sine Wave Line Interactive UPS // 208VAC or 208/120VAC

For more information, visit www.xpcc.com/p80g



Up to 4.5kW of efficient reliable power in just 2U rack space

The P80g is a pure sine wave line interactive UPS that protects critical data and equipment from power problems while supplying clean and reliable network grade power.

P80g units provide the highest efficiency available, with utility cost savings at all load levels. P80g flexible design accommodates tower or rack mounting.

For true online double conversion models, reference the P90 at www.xpcc.com/p90

PRODUCT SNAPSHOT

- › Available models: 3000VA, 5000VA
- › 208VAC, 230VAC, 240/120VAC, and 208/120VAC
- › Tower, 2-post and 4-post rack mounting configurations available
- › Up to 5kVA of power, with internal batteries, all in a 2U package
- › CE, RoHS certifications
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

Auto restart—after full battery discharge, the P80g automatically restarts when utility power returns

99% efficient operation—high efficiency ECO mode lowers energy consumption

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

Programmable receptacle group—maximize uptime for critical loads and equipment by shedding less critical loads

Temperature compensation—temperature compensated charging to prolong battery life and reduce overall costs

Hot swappable battery—easy to replace without interrupting the load

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

Maintenance bypass—an optional XBDM bypass module enables the P80g-3000 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

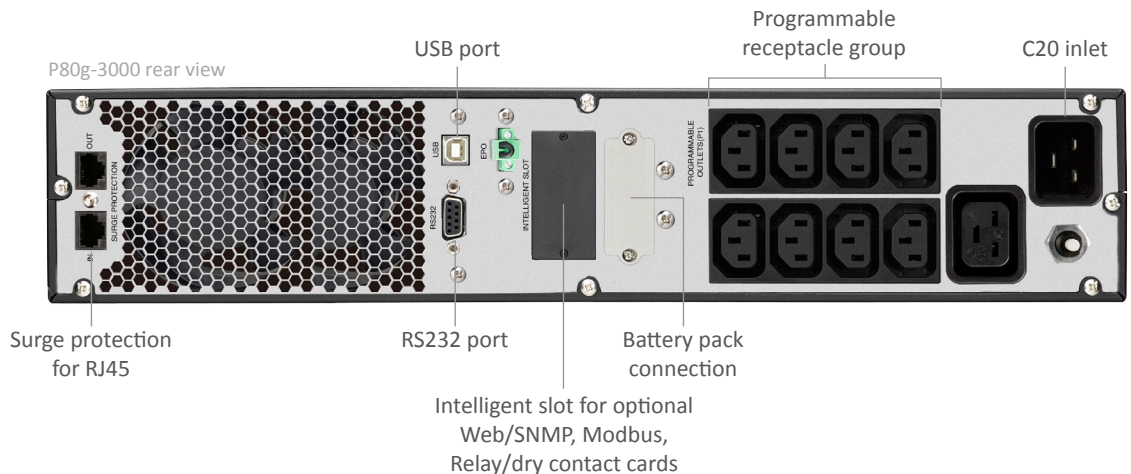
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| MODEL NUMBER | | P80g-3000 | P80g-5000 | P80g-5KTB |
|--------------------------|--|--|------------------------------|---|
| CAPACITY | Power rating | 3000VA (2700W) | 5000VA (4500W) | 5000VA (4500W) |
| INPUT | Voltage nominal | 208/220/230/240VAC | | 208VAC or 240VAC |
| | Voltage range | 162–290VAC | | |
| | Frequency | 50/60Hz auto sensing | | 60Hz |
| OUTPUT | Voltage | 208/220/230/240VAC | | 208/120VAC or 240/120VAC |
| | Waveform | Pure sine wave | | |
| | Transfer time (typical) | 2–6ms | | |
| | Efficiency | Up to 99% ECO mode, 95% buck and boost mode | | |
| | Harmonic distortion | 2% @ 100% linear load; 5% @ 100% non-linear load | | |
| BATTERY | Battery type | Sealed, maintenance-free lead acid | | |
| | Battery quantity and size | (6) 12V 9AH | (6) 12V 580W at 5 min | |
| | Charging current | 1.5A max | | |
| | Typical recharge | 4 hours to 90% | | |
| PHYSICAL | Dimensions (W x D x H) | 17.2 x 24.8 x 3.5 in (2U) | | 17.2 x 24.8 x 7.0 in (4U) |
| | Weight | 61.9 lbs | 78.5 lbs | 224 lbs |
| | Line cord | 8 ft, detachable C19 to L6–20P | 6 ft, L6–30P | 6 ft, L6–30P |
| | Receptacles | (1) C19 + (8) C13 | (1) L6–30R + (4) C19 | (2) L6–30R + (2) L6–20R + (12) 5–15/20R |
| | Receptacle options | L6–30R, L6–20R, L6–15R, 6–15/20R | | |
| OPTIONAL BATTERY PACKS | Model number | P90-BP72 | P80-BP72X | |
| | Dimensions (W x D x H) | 17.2 x 23.6 x 3.5 in | 17.2 x 23.6 x 3.5 in | |
| | Weight | 104.4 lbs | 110.4 lbs | |
| | Battery | (12) 12V 9AH / 72V | (12) 12V 580W at 5 min / 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 | | | |

BATTERY RUNTIMES

| Percentage load: | Internal batteries | | | | (1) Battery pack | | | | (2) Battery packs | | | |
|------------------|--------------------|-----|-----|------|------------------|-----|-----|------|-------------------|-----|-----|------|
| | 25% | 50% | 75% | 100% | 25% | 50% | 75% | 100% | 25% | 50% | 75% | 100% |
| P80g-3000 | 32 | 13 | 7 | 4 | 125 | 54 | 32 | 22 | 236 | 102 | 60 | 42 |
| P80g-5000 | 22 | 9 | 5 | 2.5 | 81 | 36 | 22 | 15 | 151 | 67 | 40 | 28 |
| P80g-5KTB | 22 | 9 | 5 | 2.5 | 81 | 36 | 22 | 15 | 151 | 67 | 40 | 28 |

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



X-TREME
Power Conversion®

Protect your business.

XPC USA / Denver, CO / sales@xpcc.com

XPC EMEA / Rotterdam, NL / emea@xpcc.com

www.xpcc.com