

# XP-RM *Pro* UPS

600VA~3750VA

Line-Interactive design

Fully digitized microprocessor control

Auto Voltage Regulation - AVR

Energy-saving function (UPS Sleep mode)

Cold start function (DC Power On)

Lightning and surge protection

Short circuit and overload protection

Network/Tel/Modem/Fax spike protection

EMI/RFI noise filter

Advanced Battery Management (ABM technology)

Automatic charging when UPS is off

Extended back up time by adding external battery packs

Back up, line & battery status display

History record of power failure events

Smart RS-232/USB and dry contact communication interface

Software monitoring and control

Power status display by software

Scheduled shutdown & reboot

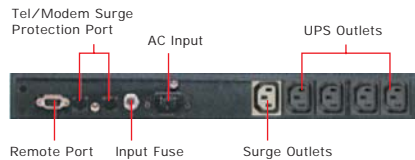


**PCE**<sup>®</sup>  
UPS SYSTEMS

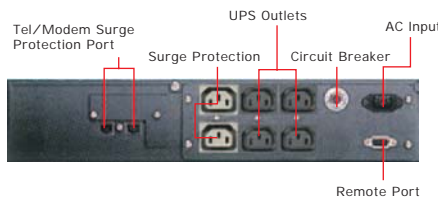
**YOUR ULTIMATE  
POWER PROTECTION PARTNER**

| Model XP-RM Series           |                               | XP-RM 600  | XP-RM 800     | XP-RM 1000     | XP-RM 1200          | XP-RM 1500                    | XP-RM 2200      | XP-RM 3000           | XP-RM 3750      |
|------------------------------|-------------------------------|--|---------------|----------------|---------------------|-------------------------------|-----------------|----------------------|-----------------|
| Output power with cosφ = 0.6 |                               | 600VA<br>360W  | 800VA<br>480W | 1000VA<br>600W | 1200VA<br>720W      | 1500VA<br>900W                | 2200VA<br>1320W | 3000VA<br>1800W      | 3750VA<br>2250W |
| Input                        | Voltage                       | 160V - 280V (adjustable to 150V/294V via UPS Driver Software)                                    |               |                |                     |                               |                 |                      |                 |
|                              | Frequency                     | 50 or 60 Hz +/-10%   |               |                |                     |                               |                 |                      |                 |
| Output                       | Voltage (on battery)          | Simulated sinewave at 220V +/-1% (adjustable to 200V,230V,240V via supplied UPS Driver Software) |               |                |                     |                               |                 |                      |                 |
|                              | Frequency (on battery)        | 50 or 60Hz +/-0.1%   |               |                |                     |                               |                 |                      |                 |
|                              | Voltage Regulation (AVR)      | Booster / Fader  |               |                |                     |                               |                 |                      |                 |
| Protection & Filtering       | Spike Protection              | 320 Joules, 2 ms   |               |                |                     |                               |                 |                      |                 |
|                              | Unit input                    | Fuse or circuit breaker for overload and short circuit protection                                |               |                |                     |                               |                 |                      |                 |
|                              | EMI/RFI filter                | 10dB at 0.15MHz, 50 dB at 30MHz  |               |                |                     |                               |                 |                      |                 |
|                              | Overload Protection           | UPS automatic shutdown if overload exceeds 110% of nominal at 120 seconds and 130% at 30 seconds |               |                |                     |                               |                 |                      |                 |
|                              | Transfer time                 | 2-4 milliseconds (typical), including detection time   |               |                |                     |                               |                 |                      |                 |
|                              | Short Circuit                 | UPS output cut off immediately or input fuse protection  |               |                |                     |                               |                 |                      |                 |
|                              | 10 Base-T Cable Port          | Network (UTP, RJ-45) compatible jacks  |               |                |                     |                               |                 |                      |                 |
| Alarm                        | Battery Back up               | Slow beeping sound (about 0.25Hz)  |               |                |                     |                               |                 |                      |                 |
|                              | Battery Low                   | Rapid beeping sound (about 1.00Hz)   |               |                |                     |                               |                 |                      |                 |
|                              | Overload                      | Continuous beeping sound   |               |                |                     |                               |                 |                      |                 |
| Battery                      | Type                          | Sealed lead acid, maintenance free, with 3-5 years lifetime                                      |               |                |                     |                               |                 |                      |                 |
|                              | DC Voltage                    | 12VDC  | 18VDC         | 24VDC          |                     |                               |                 | 48VDC                |                 |
|                              | Typical Recharge Time         | 4 hours (to 90% full capacity)   |               |                |                     |                               |                 |                      |                 |
|                              | Protection                    | Automatic self-test, discharge protection, replace battery indicator                             |               |                |                     |                               |                 |                      |                 |
|                              | Back up time                  | 15 - 30min   |               | 15 - 35min     |                     | 15 - 30min                    |                 | 15 - 35min           |                 |
| Communication                | Dry contact                   | Sends AC failure and battery low signal, and receives shutdown signal from computer              |               |                |                     |                               |                 |                      |                 |
|                              | RS-232 or USB                 | Detect battery low, schedule UPS on/off, AC input/output power status display                    |               |                |                     |                               |                 |                      |                 |
|                              | Compatibility                 | Novell, SNMP, Windows NT, Windows 95 / 98 / ME / 2000 / XP / 2003                                |               |                |                     |                               |                 |                      |                 |
| Physical                     | Input inlet                   | IEC 320 power inlet  |               |                |                     |                               |                 |                      |                 |
|                              | Receptacles                   | IEC 320 female appliance coupler (220V) or optional country-specific receptacles                 |               |                |                     |                               |                 |                      |                 |
|                              | CS model (optional)           | with up to 6 output receptacles  |               |                |                     |                               |                 |                      |                 |
|                              | Dimensions WxDxH (mm)         | 483x362x44 (1U)  |               |                | 483 x 357 x 84 (2U) |                               |                 | 483 x 351 x 130 (3U) |                 |
|                              | Weight kg (lbs)               | 9.2(20.2)  | 9.8(21.5)     | 10.5(23.1)     | 15.5(34.1)          | 15.8(34.8)                    | 26.2(57.6)      | 29.8(65.6)           | 29.8(65.6)      |
| Environment                  | Ambient operation             | 3,500 meters max. elevation, 0-95% humidity non-condensing, 0-40°C                               |               |                |                     |                               |                 |                      |                 |
|                              | Audible noise                 | <40dBA (1 meter from surface)  |               |                |                     | <42dBA (1 meter from surface) |                 |                      |                 |
| Standards & Certifications   | Safety                        | EN 50091-1-1/EN 69050 (RD), IEC 60950  |               |                |                     |                               |                 |                      |                 |
|                              | Electromagnetic compatibility | EN 50091-2, EN 50022/B, IEC 62040-2, IEC 61000-3-2, IEC 61000-3-3                                |               |                |                     |                               |                 |                      |                 |
|                              | Design, production & services | ISO 9001   |               |                |                     |                               |                 |                      |                 |
|                              | Environment                   | ISO 14001 certified company  |               |                |                     |                               |                 |                      |                 |
|                              | Marking & Certifications      | CE, TUV GC - Mark  |               |                |                     |                               |                 |                      |                 |

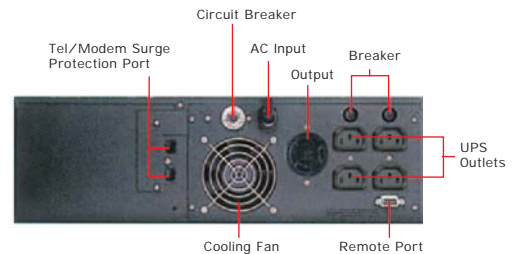
OUTPUT RECEPTACLE OPTIONS



XP - RM - 600/100 (1U)



XP - RM - 1200/1500 (2U)



XP - RM - 2200/3000/3750 (3U)

