

LEVEL 2

PROTEQ UNINTERRUPTIBLE POWER SUPPLY

IDEAL FOR LAN & NETWORK DEVICES



- Line-interactive technology
- Reliable & compact design
- Automatic voltage regulation
- Brownout & blackout protection
- Microprocessor control
- Surge & EMI/RFI protection
- Extended battery run times
- Advanced battery management
- Smart RS232 & USB communication
- 19" rackmount versions
- Tel/modem/internet protection
- ISO 9000 build standard
- Free shutdown software

PROTEQ UPS combines leading edge technology with high level performance to provide safe and reliable protection against the growing background of modern day power issues.

PROTEQ UPS continuously provides clean and regulated power to the connected load using battery backup coupled with an automatic voltage regulator (AVR). This caters for over-voltage conditions as well as brownouts and complete mains failures.

PROTEQ UPS also incorporates a 'buck and boost' circuit which allows the UPS output to be maintained within ideal load parameters even during low and high mains voltage conditions. This avoids any unnecessary use of the battery which can be kept in peak condition for power outages thus ensuring full backup runtimes.

PROTEQ UPS utilises an advanced battery management system which constantly monitors the battery to ensure it is always in premium working condition at all times.

UPS Tower Model	625	1000	1200	1500	2000	2200	3000
UPS Rackmount Model	✓	✓	—	✓	✓	✓	✓
Rackmount Size	1U	2U	—	2U	3U	3U	3U
Rating VA	625VA	1000VA	1200VA	1500VA	2000VA	2200VA	3000VA
Rating W	375W	600W	720W	900W	1200W	1320W	1800W
Nominal Input Voltage	220/230/240Vac single phase 50hz / 60hz (auto sensing)						
Input Voltage Range	165 – 300Vac						
Input Surge Suppression	320 joules 2ms						
Output Voltage	Nominal 220/230/240Vac single phase 50Hz / 60Hz						
AVR Voltage Range	AVR increases UPS output 15% above mains voltage when Input is -9% to -25% of Nominal. AVR decreases UPS output 15% below mains voltage when Input is +9% to +25% of Nominal						
Output Voltage On Battery	220/230/240Vac +/-5% of nominal simulated sine wave						
Battery 3-6 Year Life	Maintenance free lead acid						
Recharge Period	8 hours (90%)						
Battery Protection	Automatic self test with deep discharge protection and replace battery indicator						
Backup Time Full Load	2min	optional	2min	2min	optional	4min	3min
Backup Time 75% Load	5min	optional	5min	5min	optional	10min	11min
Operating Conditions	Max. altitude 3500m / 0 – 95% humidity non-condensing / 0 – 48 Deg C						
Storage Conditions	Max. altitude 15,000m / 0 – 45 Deg C						
Acoustic Noise (1m)	<48dBA						
RS232 & USB Serial Port	USB	RS232 Standard on all models					
UPSMON Software	Standard on all models						
Audible Alarms	Mains fail / battery low / overload						
UPS Input Connection	IEC320 (10A) C14			IEC320 (16A) C20			
Output Receptacles	2 x IEC320 (10A)	4 x IEC320 (10A)			6 x IEC320 (10A)		
Tower Dimensions*	135x97x320	201x130x382			215x169x438.5		
Rackmount Dimensions*	44x483x351	84x483x351			130x483x351		
Tower Weight kg	6.5	15.0	15.2	15.6	28.9		
Rackmount Weight kg	10.5	15.5	—	16.0	28.0		
Warranty	24 months						
In Compliance With	CE / UL / TUV / GS / ISO9001 / NOVELL / HP / AT&T / IBM / COMPAQ						

*HWD mm

