

Uninterruptible Power Supply

Minimum consumption

PC Planet is a range of UPS systems with LINE INTERACTIVE technology providing a reduction in energy consumption and 99% efficiency.

Voltage stability

PC Planet's automatic voltage regulator (AVR) is able, for mains voltage variations not exceeding + 20% / -25%, to stabilize the output voltage at values between -15% / +17%. For voltage variations greater than + 20% / -25% the unit powers the load from the battery via the inverter, providing an output voltage stabilized at $\pm 5\%$.

Timer for programmed shutdown (via software)

This feature allows fully automatic programmed and timed start-ups and shutdowns.

Automatic restart

The UPS is programmed to restart automatically when the mains power supply returns after switching off due to the end of back-up time following a prolonged power failure.

Total microprocessor control

Digital control considerably improves the reliability of the UPS, reduces unit dimensions and weight, and significantly increases control and communications capabilities.

Battery optimization

The UPS periodically and automatically performs a battery efficiency test. The batteries are recharged by means of a rapid charge battery charger. The UPS is thus always guaranteed maximum back-up time.

The PC Planet range also comes with a device to protect against deep discharges, which can significantly reduce the expected life of the batteries.

Reduced noise

Through the use of high frequency components and fan speed control, the noise level of the UPS is under 40 dBA.

Advanced communication

The Aros Watch&Save 3000 software ensures effective and intuitive management of the UPS. Important information such as the input and output voltage, the load applied, the remaining back-up time, etc., is displayed in the form of bar graphs. The software is able to provide information even in the event of a failure, and can also programme the UPS for automatic weekly start-up and shutdown.

Protection of the telephone line

PC Planet comes with an RJ45/RJ11 telephone socket to guarantee the protection of its telephone line/modem against any overvoltages.

Applications

Personal computers, small computer



networks.

PC-PLANET 400-650VA

Uninterruptible Power Supply

INPUT	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
Voltage	230 V			
Voltage range without battery contribution	+25%/ -25%			
Input frequency	50/60 Hz (autosense)			
Accepted frequency	±5%			
Input phases	1			
BATTERIES	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
Type	Maintenance-free sealed lead-acid			
Battery blocks	12V/4Ah		12V/7Ah	12V/9Ah
Batteries number	1			
Recharge time	6 - 8 h			
OUTPUT	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
Rated power	400 VA		550 VA	650 VA
Active power	240 W		330 W	400 W
Phases number	1			
Rated voltage (on battery operation)	230 V ±5%			
Rated voltage (on mains operation)	The AVR circuit regulates the output voltage from +17% to -15% with input variation of ±25%			
Frequency on battery operation	50 or 60 Hz (±0.5%)			
Output phases	1			
Battery waveform	Step-wave			
Output sockets	No. 3 IEC 320 (10A)			
SYSTEM	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
Transfer time	2 ms typical, 4 ms max.			
AC/AC efficiency	99%			
Operating altitude	6000 mt max.			
Noise	<40 dBA			
Operating temperature	0°C/+40°C, optimal for batteries +15°C/+25°C			
Relative humidity	0 - 95% non condensing			
Approvals	CE; GS / TUV			
Protections	Overcurrent - short-circuit -excessive battery discharge			
Net/telephone line protection	Not available	RJ45/RJ11 filtered socket		
Communication	Not available	RS232		
Accessories provided	2 output supply cables, 1 serial cable, 1 telephone cable; communication software; user guide			
Colour	Dark grey			
Standards	Safety: EN 62040-1-1, Directives 73/23EC and 93/68/EC EMC: IEC 62040-2; EN 50091-2 lev. B, Directives 2004/108/EC and 89/336/EC; EN 62040-3			
Technology	Line Interactive			
Weight (kg)	5.8 Kg	5.9 Kg	6.2 Kg	6.3 Kg
Dimensions (WxDxH) mm	110X325X152 mm			
DATA	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
Back up time at full load (min)	6 Min.			
Installation	Tower			

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Configuration	Single Unit			
OPTIONS	PC PLANET 400	PC PLANET 400S	PC PLANET 550S	PC PLANET 650S
MultiCom 351		X	X	X
MultiCom 301		X	X	X
NetMan 101 Plus		X	X	X
USB converter		X	X	X
Multi I/O	X	X	X	X
IRMS Multi-Switch	X	X	X	X
AS/400 interface kit		X	X	X
MultiCom 401		X	X	X