

PC Planet



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 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.





Input	PC Planet 400	PC Planet 400S	PC Planet 550S	PC Planet 650S
Nominal voltage	230 V			
Voltage range	+25% -25% (without battery discharging)			
Input frequency	50/60 Hz (autosense)			
Accepted frequency	±5%			
Output	PC Planet 400	PC Planet 400S	PC Planet 550S	PC Planet 650S
Power (VA/W)	400/240	400/240	550/330	650/400
Nominal voltage (in battery operation)	230 V ±5%			
Nominal voltage (in mains operation)	the AVR circuit regulates the output voltage from +17% to -15% with input variation of ±25%			
Wave form	step-wave			
Output sockets	No. 3 IEC 320 (10A)			
System	PC Planet 400	Planet 400S	PC Planet 550S	PC Planet 650S
Transfer time	2 ms typical, 4 ms max.			
Batteries (No./V/Ah)	1/12/4	1/12/4	1/12/7	1/12/9
Battery type	maintenance free sealed lead-acid			
Battery recharging time	6-8 h			
AC-AC efficiency	99%			
Communication port	–	RS232		
Protections	overcurrent – short-circuit – excessive battery discharge			
Noise at 1 m	<40 dBA			
Operating temperature	0÷40 °C optimal for batteries +15÷+25°C			
Relative humidity	0÷90 % non condensing			
Standards	safety EN 62040-1, EMC IEC 62040-2 and EN 50091-2 lev. B, Directives 73/23, 93/68, 89/336 EEC, EN 62040-3			
Marks	CE ; GS/TÜV			
Telephone line protection	–	RJ45/RJ11 type filtered socket		

Power (VA)	Model	Back-up (min)	Batteries	Dimensions WxDxH (mm)	Weight (kg)
400	PC Planet 400	6	Internal	110x325x152	5,8
400	PC Planet 400S	6	Internal	110x325x152	5,9
550	PC Planet 550S	6	Internal	110x325x152	6,2
650	PC Planet 650S	6	Internal	110x325x152	6,3