

## ALFA & ALFA Plus 400-1600VA

### Uninterruptible Power Supply

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#### Minimum consumption

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

#### Timer for programmed shutdown (via software)

This feature allows fully automatic programmed and timed start-ups and shutdowns. (only Alfa Plus version).

#### 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.

#### LCD display

Alfa Plus comes with a LCD display providing status, load and battery information and LEDs.

#### 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. (only Alfa Plus version).



#### Protection of the telephone line

Alfa Plus 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, TVs, Home cinemas, satellite and digital terrestrial receivers, DVD readers and writers, modems and xDSL routers, small households appliances.

## ALFA & ALFA Plus 400-1600VA

### Uninterruptible Power Supply

INPUT	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600
Rated power	240W		360W	
Voltage	220-240 Vac			
Voltage range without battery contribution	230 Vac (+20/-25%)			
Input frequency	50/60Hz autosensing			
Input phases	1			
BATTERIES	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600
Type	VRLA AGM Maintenance-free lead-acid			
Battery blocks	12V/4Ah			
Batteries number	1			
Recharge time	6 - 8 h			
OUTPUT	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600
Rated power	400 VA		600 VA	
Active power	240W		360W	
Phases number	1			
Waveform	Pseudosinusoidal			
Frequency on battery operation	50 or 60Hz (+/-1%)			
Output phases	1			
Output sockets	4 IEC	4 IEC (see note)	4 IEC	4 IEC (see note)
SYSTEM	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600
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			
Safety compliance	EN 62040-1-1 and directive 2006/95/EC			
EMC conformance	EN 62040-2 and directive 2004/108/EC			
Protections	Overcurrent - short-circuit -excessive battery discharge			
Net/telephone line protection	RJ11/45 connectors			
Communication	Not available	USB	Not available	USB
Accessories provided	2 output supply cables (IEC version), 1 USB cable (Plus version), user guide			
Colour	RAL 7024 Dark grey			
Technology	Line Interactive			
Weight (kg)	3 Kg	3,2 Kg	3 Kg	3,2 Kg
Dimensions (WxDxH) mm	90x232x192 mm			
DATA	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600
Back up time at full load (min)	6 Min.			
Installation	Tower			
Configuration	Single Unit			
OPTIONS	ALFA 400	ALFA PLUS 400	ALFA 600	ALFA PLUS 600

## ALFA & ALFA Plus 400-1600VA

INPUT	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600
Rated power	480W		660W	960W
Voltage	220-240 Vac			
Voltage range without battery contribution	230 Vac (+20/-25%)			
Input frequency	50/60Hz autosensing			
Input phases	1			
BATTERIES	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600
Type	VRLA AGM Maintenance-free lead-acid			
Battery blocks	12V/4Ah		12V/7Ah	12V/9Ah
Batteries number	1		2	
Recharge time	6 - 8 h			
OUTPUT	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600
Rated power	800 VA		1100 VA	1600 VA
Active power	480W		660W	960W
Phases number	1			
Waveform	Pseudosinusoidal			
Frequency on battery operation	50 or 60Hz (+/-1%)			
Output phases	1			
Output sockets	4 IEC	4 IEC (see note)	6 IEC (see note)	
SYSTEM	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600
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			
Safety compliance	EN 62040-1-1 and directive 2006/95/EC			
EMC conformance	EN 62040-2 and directive 2004/108/EC			
Protections	Overcurrent - short-circuit -excessive battery discharge			
Net/telephone line protection	RJ11/45 connectors			
Communication	Not available	USB		
Accessories provided	2 output supply cables (IEC version), 1 USB cable (Plus version), user guide			
Colour	RAL 7024 Dark grey			
Technology	Line Interactive			
Weight (kg)	3,2 Kg	3,4 Kg	6,6 Kg	7 Kg
Dimensions (WxDxH) mm	90x232x192 mm		97x315x275 mm	
DATA	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600
Back up time at full load (min)	6 Min.		9 Min.	5 Min.
Installation	Tower			
Configuration	Single Unit			
OPTIONS	ALFA 800	ALFA PLUS 800	ALFA PLUS 1100	ALFA PLUS 1600