



Axil M600K UPS

600VA Single Phase Line-interactive UPS

The Axil M600K line-interactive UPS is a reliable power backup solution that provides high-quality power to your home and office devices.



The **Axil M600K Line-Interactive UPS** is a compact and reliable backup power solution designed to protect essential electronics equipment against power interruptions and voltage fluctuations.

Its **lightweight, space-saving design** makes it ideal for home offices, small businesses as well as any environments where space is limited.

Featuring **Automatic Voltage Regulation (AVR)** with boost and buck functionality, the Axil M600K UPS stabilises fluctuating input voltage while reducing unnecessary battery use. A built-in DC start (cold start) function also allows the UPS to provide battery power when the AC mains supply is not available.

Ideally suited for desktop computers, workstations, home office equipment, routers, network devices, point-of-sale systems, CCTV equipment and other electronic devices requiring reliable backup power and voltage protection.

UPS Features

- ✓ Line-interactive UPS with simulated sinewave output
- ✓ Internal microprocessor control guarantees high reliability (self-diagnostic technology)
- ✓ Boost and buck AVR for voltage stabilization (One boost and one buck control)
- ✓ Auto restart while AC is recovering
- ✓ Cold start function
- ✓ Off-mode charging
- ✓ Fast intelligent battery recharge function
- ✓ LED Display
- ✓ Optional Generator compatible
- ✓ Optional USB/RS232 communication port and RJ11/RJ45 protection

Technical Specification

MODEL		600VA
Phase		Single phase
Capacity (VA/Watts)		600 VA / 360 Watts
INPUT		
Nominal Input Voltage		110 / 120 VAC or 220 / 230 / 240 VAC
Operating Voltage Range		81 ~ 145 VAC / 162 ~ 290 VAC
Operating Frequency Range		50 / 60 Hz (± 10%)
OUTPUT		
Output Voltage Range (Battery Mode)		Simulated sine wave at nominal voltage ± 10%
Frequency Range (Battery Mode)		50 or 60 Hz ± 1 Hz
Transfer Time		Typical 2 ~ 6 ms, 10ms max.
BATTERY		
Battery Type & Number		12V/7Ah x 1
Typical Recharge Time		6 ~ 8 hours (to 90% of full capacity)
SYSTEM FEATURES		
Indicators	AC Mode	Green LED light
	Battery Mode	Amber LED flashing
	Fault	Red LED light
Protection		Overload and overcharge protection
Alarm		Battery Mode: Sounding every 10 seconds Low Battery: Sounding every second Overload: Sounding every 0.5 seconds Battery Replacement Alarm: Sounding every 2 seconds Fault: Continuously Sounding
Communication Interface		USB/RS-232 (optional), Supports Windows® family, Linux and Mac
PHYSICAL		
Dimension (W x D x H)(mm)		149.3 x 338 x 162
Weight (kg)		4.25
ENVIRONMENT		
Operating Temperature		0 ~ 40°C
Humidity Range		0 ~ 95% (non-condensing)
Noise Level		<40 dB (1 meter from surface)
STANDARDS		
Safety		IEC/EN62040-1; IEC/EN60950-1
EMC		IEC/EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8

Product specifications are subject to change without further notice.



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