



Axil GP Online UPS

4 & 10 kVA



Comprehensive Protection

A self-diagnostic function at startup helps detect faults before operation. The UPS also includes multiple protection features such as overload, over-temperature, short circuit, battery under-voltage, and over-charge protection. A built-in static bypass switch automatically transfers the load to bypass power if a UPS fault occurs, maintaining continuous power to all the connected equipment.

Battery Cold Start

The UPS can start directly from the battery when utility power is unavailable, including full-load cold start, ensuring reliable operation during outages.

High-Reliability Design

The Axil GP Online UPS uses true online double conversion technology to deliver a stable pure sine wave output.

With precise frequency tracking, phase locking, and voltage regulation, it minimizes distortion and eliminates power fluctuations, ensuring clean & reliable power for sensitive equipment.

Enhanced Load Protection

A built-in isolation transformer provides strong anti-interference protection, shielding all the connected equipment from electrical noise, spikes, and disturbances.

Wide Input Voltage and Frequency Range

The UPS supports a wide input voltage range of 165 ~ 275 VAC, reducing unnecessary switching to battery mode in unstable power supply environments. A wide input frequency range also ensures stable operation when connected to generators.

Optimised Battery Management

Advanced floating charge & intelligent charging technology maximise battery performance, reducing charging time and extending battery life.

User-Friendly Network Management

The UPS supports RS-232 communication with monitoring software for system status and parameter monitoring.

An optional SNMP adapter enables remote network management and real-time monitoring.

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Technical Specification

MODEL	Axil GP 4kVA	Axil GP 10kVA
Capacity (VA / Watts)	4kVA / 2.4kW	10kVA / 6.4kW
INPUT		
Nominal Voltage	220 / 230 VAC	
Operating Voltage Range	165 ~ 275 VAC	
Operating Frequency Range	50 / 60 Hz (± 5%)	
Power Factor	>0.97 (with filter)	
Max. Input Current (A)	30	66
OUTPUT		
Output Voltage	220 VAC (± 0.5%) / 230 VAC (± 0.5%)	
Output Frequency	50 / 60 Hz (± 0.5%)	
Crest Factor	3:1 (max)	
Efficiency	>85%	
Harmonic Distortion (THD)	<1.5% (linear load)	
BATTERY		
Battery Voltage	192 VDC	
SYSTEM FEATURES		
Transfer Time	0 ms (Line mode - Battery mode)	
Overload	>125% : 1 min, >150% : 200 ms	
Communication Interface	RS232, SNMP (optional), Dry contact (optional)	
ENVIRONMENTAL		
Operating Temperature	0 ~ 40°C	
Storage Temperature	-25 ~ 55°C	
Humidity Range	0 ~ 95% (non-condensing)	
Altitude	<1500 m	
Noise Level	<55 dB	
PHYSICAL		
Dimensions (D x W x H)	230 x 580 x 720 (S), 250 x 500 x 635 (H)	305 x 585 x 864
Net Weight (S / H) (kg)	102 / 57	115
STANDARDS		
Safety	IEC/EN62040-1 ; IEC/EN60950-1	
EMC	IEC/EN62040-2; IEC/EN61000-4; IEC/EN61000-4-3; IEC/EN61000-4-4; IEC/EN61000-4-5; IEC/EN61000-4-6; IEC/EN61000-4-8	

Product specifications are subject to change without notice.



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