

AidePlus

600VA ~ 1000VA



Features

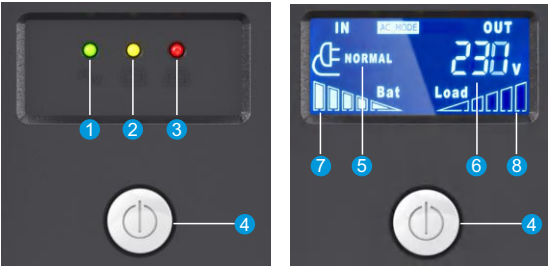
- LED display or LCD display selectable
- Microprocessor-based digital control
- Boost and buck AVR for voltage stabilization
- Auto sensing frequency
- Wide input voltage range
- Power-on self test
- Cold start
- Auto restart when mains power is restored
- Auto track mains phase to ensure that inverter output voltage has same phase with utility voltage, reducing transfer time and peak surge
- Intelligent battery management: battery temperature compensation to extend the battery life; three-stage charging to shorten recharge time
- Short circuit, battery overcharge / overdischarge, overload, surge protections
- Automatic charging in OFF mode
- Optional no-load shutdown
- Optional USB & RJ45 ports
- Unattended safety shutdown: system alarm and auto Power-On / Off by USB interface communicating with PC

Details

1. UPS output with surge protection
2. Bypass output with surge protection
3. AC Input
4. USB (optional)
5. RJ45 (optional)



Control Panel



1. AC Normal Indicator (green)
2. Battery Charging Indicator (amber)
3. Back-up Indicator (red)
4. On / Off button
5. Mains state
6. Output voltage
7. Battery capacity
8. Load capacity

Technical specifications

MODEL	AID 600P		AID 800P	AID 1000P
Capacity	600 VA / 360 W		800 VA / 480 W	1000 VA / 600 W
INPUT				
Voltage range	220 / 230 / 240 Vac: 162 - 295 Vac or 145 - 295 Vac			
Frequency range	50 / 60 Hz (auto-sensing)			
OUTPUT				
Output voltage (battery mode)	220 / 230 / 240 Vac ± 10%			
Output frequency (battery mode)	60 Hz / 50 Hz ± 1% (auto-sensing)			
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave			
Switching time	2 - 8 ms (typical), 12 ms (max.)			
Outlet(s) - Toal	8 (Bipasso-schuko socket)			
Outlet(s) - Battery & Surge Protected	4 (Bipasso-schuko socket)			
Outlet(s) - Surge Protected	4 (Bipasso-schuko socket)			
BATTERIES				
DC voltage	12 V			
Configuration	12 V / 7.0 Ah × 1	12 V / 8.0 Ah × 1	12 V / 9.0 Ah × 1	
Recharge time	6 ~ 8 h			
INDICATORS				
Led display(LED version)	AC Mode, Battery Mode, Battery charge state			
Lcd display(LCD version)	Mains state, Output voltage, Battery capacity, Load capacity			
PROTECTION				
Full Protection	Short circuit, battery overcharge, over-discharge, overload, surge			
OPERATING ENVIRONMENT				
Operating temperature	0 - 40°C			
Relative humidity	5 - 90%			
PHYSICAL				
Dimensions (W × D × H) (mm)	205 × 285 × 94			
Packaged Dimensions (W × D × H) (mm)	255 × 350 × 144			
Net/Gross weight (kg)	4.5 / 4.8	5.5 / 5.8	5.8 / 6.2	