

# AidePro

400VA ~ 1500VA



## 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. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB (optional)
4. AC Input
5. Fuse



Optional outlets

## Technical specifications

MODEL		AID 240 PRO	AID 260 PRO	AID 280 PRO	AID 2120 PRO	AID 2150 PRO
Capacity		400 VA / 240 W	600 VA / 360 W	800 VA / 480 W	1200 VA / 720 W	1500 VA / 900 W
INPUT						
Voltage		100 / 110 / 120 V: 80 ~ 150 Vac; 220 / 230 / 240 V: 162 ~ 295 Vac (145 ~ 295 Vac optional)				
Frequency		50 / 60 Hz ± 10% (auto-sensing)				
OUTPUT						
Voltage		100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%				
Frequency		50 / 60 Hz ± 1% (auto-sensing)				
Waveform		Mains mode: pure sine wave; Battery mode: simulated sine wave				
Transfer time		Typical 2 ~ 7 ms, 10 ms max.				
BATTERIES						
DC voltage		12 V			24 V	
Configuration		12 V / 4.5 Ah × 1	12 V / 7.0 Ah × 1	12 V / 8.0 Ah × 1	12 V / 7.0 Ah × 2	12 V / 8.0 Ah × 2
Recharge time		6 ~ 8 h				
COMMUNICATIONS						
USB (optional)		Supports Windows®98 / 2000 / 2003 / XP / Vista / 2008 / Windows®7 / 8 / 10				
OTHERS						
Protections		Short circuit, battery overcharge, overdischarge, overload, surge				
Humidity		20 ~ 90% RH @ 0 ~ 40°C (non-condensing)				
Noise level		≤ 45 dB (1 m)				
Plastic case	Net / Gross weight (kg)	3.8 / 4.2	4.2 / 4.6	5.0 / 5.4	9.4 / 9.9	9.8 / 10.3
	Dimensions (W × D × H) (mm)	90 × 305 × 165			115 × 320 × 220	
	Packaged dimensions (W × D × H) (mm)	133 × 349 × 232			161 × 369 × 290	
	Quantity / 20 ft	2300 pcs			1400 pcs	

- All specifications are subject to change without notice.
- Custom-made specifications are acceptable.