

Aide

400VA ~ 3000VA

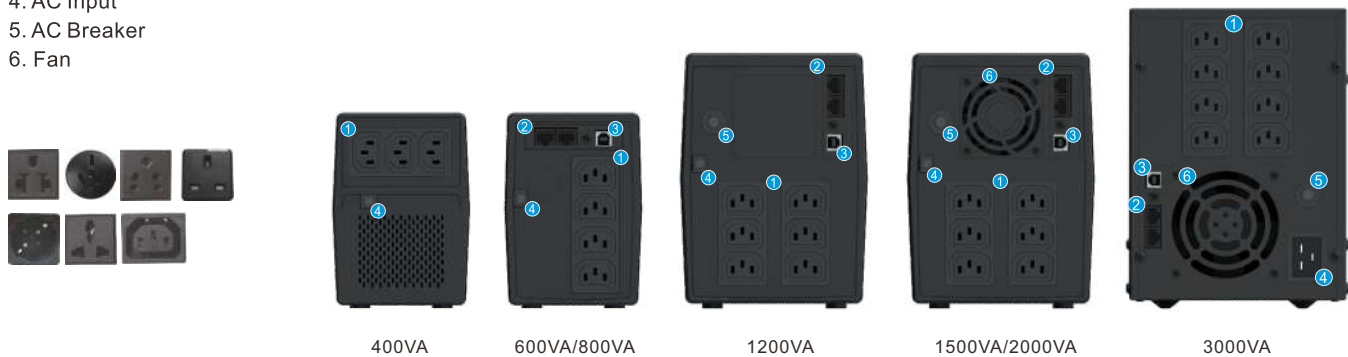


Features

- 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 communication port and RJ45 protection
- Unattended safety shutdown: system alarm and auto Power-Off by USB interface communicating with PC

Details

1. Output Outlets (selectable)
2. TEL/Modem/Fax surge protection (optional)
3. USB communication (optional)
4. AC Input
5. AC Breaker
6. Fan



Technical specifications

MODEL	AID 240	AID 260	AID 280	AID 2120	AID 2150	AID 2200	AID 2300
Capacity	400VA/ 240W	600VA/ 360W	800VA/ 480W	1200VA/ 720W	1500VA/ 900W	2000VA/ 1200W	3000VA/ 1800W
INPUT							
Voltage	100 V / 110 V / 120 V: 80 ~ 150 Vac; 220 V / 230 V / 240 V: 162 ~ 295 Vac (220 V: 145 ~ 295 Vac optional)						
Frequency	50 / 60 Hz ± 10% (auto-sense)						
OUTPUT							
Voltage	100 / 110 / 120 Vac ± 10% or 220 / 230 / 240 Vac ± 10%						
Frequency	50 / 60 Hz ± 1% (auto-sense)						
Waveform	Mains mode: pure sine wave; Battery mode: simulated sine wave						
Transfer time	Typical 8 ms, 10 ms max.						
BATTERIES							
DC voltage	12 V			24 V			48 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	12V / 8.0 Ah × 2	12 V / 9.0 Ah × 2	12 V / 9.0 Ah × 4
Recharge time	6 ~ 8 h						
OTHERS							
Protections	Short circuit, battery overcharge, overdischarge, overload, surge						
Communications	USB (optional)						
Humidity	20 ~ 90% RH @ 0 ~ 40°C (non-condensing)						
Noise level	≤ 45 dB (1m)						
Net / Gross weight (kg)	3.3 / 3.5	4.2 / 4.7	4.9 / 5.3	8.8 / 9.4	9.4 / 10.0	10.2/10.8	19.3/20.6
Dimensions (W x D x H) (mm)	100 × 200 × 142	100 × 280 × 142		136 × 328 × 186			157 × 452 × 211
Packaged dimensions (W x D x H) (mm)	139 × 242 × 210	139 × 325 × 210		185 × 374 × 269			238 × 536 × 295
Quantity / 20 ft	/						658 pcs

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