



POWERACTIVE SERIES

Online Double Conversion Technology

1kVA to 10kVA

- High frequency on-line double conversion technology
- DSP (Digital signal processors) control technology
- Active power factor correction (APFC),
- Input power factor up to 0.99
- Output power factor 0.9/ 1 (order)
- Wide input voltage range (110 V ~ 300 Vac)
- Frequency range (40 ~ 70 Hz)
- Auto sensing frequency
- 50 / 60 Hz frequency conversion
- Cold start
- Rear ventilation design and variable speed fan
- Effective software and hardware protection
- Quick and stable charging, 90% capacity restored in 4 h (standard model UPS)
- Linear derating in low voltage input reducing battery discharging times
- Settable delayed start when power is restored
- Advanced battery management (ABM)
- Multiple functions settable via LCD: output voltage, EOD, auto-start, bypass mode, ECO mode and frequency conversion mode
- Multi-platform communications: RS232 (standard), USB / RS485 / SNMP / dry contacts (optional)
- Optional USB, RS485 card, AS400 dry contacts, SNMP card, SMS alarms, EPO function, and 12 A charger (2 / 3 kVA only)
- Max 4pcs parallel connections (6-10kVA)

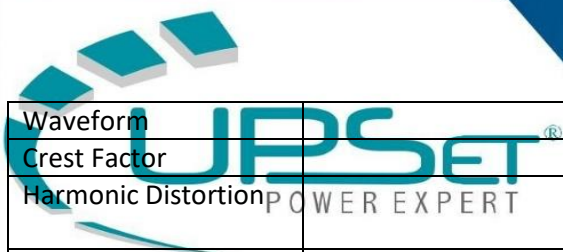


POWERACTIVE SERIES 1-10KVA TECHNICAL SPECIFICATIONS

MODEL	PA-1000	PA-2000	PA-3000	PA-6000	PA-10000
CAPACITY	1kVA	2kVA	3kVA	6kVA	10kVA
INPUT					
Rated Voltage	200/208VAC/ 220VAC/ 230VAC/ 240VAC				
Voltage Range	50% load (100-295) ±5Vac 100% load (145-295) ±5Vac			50% load (100-295) ±5Vac 100% load (165-295) ±5Vac	
Frequency	45-55Hz ±0,5% or 55-65Hz±0,5% (Auto sensing)			40-70Hz±0,5% (Auto sensing)	
Power factor	≥0,99				
Bypass Voltage Range	Rated output voltage -34V - Rated output voltage +32VAC			160V- Rated output voltage ±32VAC	
OUTPUT					
Voltage	208VAC/ 220VAC/ 230VAC/ 240VAC (Setting available via LCD)				
Voltage Regulation	±1%				
Frequency	Synchronized with utility AC mode; 50/60Hz ±1% on battery mode				







Waveform	Pure sinewave				
Crest Factor	3:1				
Harmonic Distortion	≤2%(Linear load); ≤5%(Non-linear load)				
Transfer Time	AC mode to battery mode: 0ms Inverter mode to Bypass: 0ms				
Overload Capability	105%- 150% Transfer to bypass after 30s >150% Transfer to bypass after 300ms			105%- 125% Transfer to bypass after 3min; 125%-150% Transfer to bypass 30s >150% Transfer to bypass after 100ms	
EFFICIENCY					
AC Mode	≥ 90%			≥ 92%	
Battery Mode	≥ 87%			≥ 91%	
ECO Mode	≥ 98%			≥ 98%	
BATTERY					
VRLA					
DC Voltage	24V	48V/72V	72V	192V	
Inbuilt Battery of Standard Model	2x9Ah	4x9Ah/6x7Ah	6x9Ah	16x7Ah	16x9Ah
Charge Current Standard Model	1A				
Charge Current Long Model	6A			1/3/5/8 A (Selectable)	
Typical Recharge Time	4 hours recover to 90% capacity				
ALARM					
Untility Failure	Beep/4s				
Battery Low	Beep/1s				
Overload	Beep Twice/1s				
UPS Fault	Long Beep				
ENVIRONMENT					
Humidity	20-90% RH; 0-40°C (Non- Condensing)				
Noise Level	≤45dB (1m)			≤50dB (1m)	
MANAGEMENT					
Standard RS-232, Optional USB	Supports Windows98/2000/2003/XP/Vista/2008/7/8				
Optionnal USB	Power management from SNMP manager and wed browser				
STANDARDS	TS EN ISO 9001: 2015, TS EN ISO 14001:2015, OHSAS 18001:2015, GOST, CE EN 620401: 2015 (LVD), EN 62040-2: 2015 (EMC)				
Dimension					
Dimension (W*D*H) (mm)	144x336x214	191x418x335		190x460x710	
Packing Dimension (mm) W*D*H	230x332x315	320x550x462		360x650x795	
Net Weight (kg)	13	25	29	67	75
Gross Weight (kg)	15	27	31	78	85



ISO 9001:2008