

# POWERACTIVE SERIES

**Online Double Conversion Technology**  
**1kVA to 10kVA**

- DSP Digital Control Technology
- Output Power Factor 0.9
- Input PFC
- Green Environment-Friendly Model
- Wide Input Voltage Range
- Perfect Protection
- Cold Start and Mains Power Start Function.
- Generator Compatibility
- Zero Switching
- Intelligent Battery Management
- Friendly Interface



## POWERACTIVE SERIES 1-10 KVA TECHNICAL SPECIFICATIONS

MODEL	PA-1000	PA-2000	PA-3000	PA-6000	PA-10000
CAPACITY	1KVA/0.9KW	2KVA/1.8KW	3KVA/2.7KW	6KVA/5.4KW	10KVA/9KW
INPUT					
Rated Voltage	208V/220V/230V/240VAC				
Voltage Range	Half load (115-295)±5VAC Full load (145-295)±5VAC			Half load (115-295)±5VAC Full load (165-295)±5VAC	
Frequency	45-55Hz±0.5% or 55-65Hz±0.5% (Auto Sensing)			40-70Hz±0.5% (Auto Sensing)	
Power Factor	≥ 0.98			≥ 0.99	
Bypass Voltage Range	Rated output voltage-34V ~ Rated output voltage+32V			160V ~ Rated output voltage+32V	
OUTPUT					
Voltage	208V/220V/230V/240VAC Setting available via LCD				
Voltage Regulation	±1%				
Frequency	Synchronized with utility on AC mode;50/60±0.2Hz on battery mode				
Waveform	Pure sinewave				
Crest Factor	3:1				
Harmonic Distortion	≤3%(Linear load);≤5%(Non-linear load)			≤2%(Linear load); ≤5%(Non-linear load)	
Transfer Time	AC mode to battery mode :0ms Inverter mode to bypass mode:4ms(Typical)			AC mode to battery mode :0ms Inverter mode to bypass mode:0ms	
Overload Capability	105%-150%:Transfer to bypass after 30s; >150%: Transfer to bypass after 300ms			105%-125%:Transfer to bypass after 3mins; 125%-150%: Transfer to bypass after 30s; >150%: Transfer to bypass after 100ms	
EFFICIENCY					
AC Mode	≥ 90%			≥ 92%	
Battery Mode	≥ 87%			≥ 91%	
ECO Mode	≥ 98%			≥ 98%	
BATTERY					
DC Voltage	24V	48V	72V	192V	
Inbuilt Battery of Std Model	2*9Ah	4*9Ah	6*9Ah	16*7Ah	16*9Ah
Charge Current Standard Model	1Amp				
Charge Current Long Model	6 Amp			1/3/5/8Amp Selectable	
Typical Recharge Time	8 hours recover to 90% capacity				
ALARM					
Utility 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	≤50dB (1m)			≤55dB (1m)	
MANAGEMENT					
Standard RS-232 ,Optional USB	Supports Windows 98/2000/2003/XP/Vista/2008/7/8				
Optional SNMP	Power management from SNMP manager and web browser				
PHYSICAL					
Dimension(mm) W*D*H	144*410*215	190*470*341		262*514*735	
Packing Dimension(mm) W*D*H	230*492*315	320*550*462		360*650*795	
Net Weight(kg)	13	25	29	67	75
Gross Weight(kg)	15	27	31	78	85

