

PA SERIES

Single Phase Online UPS

1 kVA - 10 kVA



Features:

- Excellent Microprocessor Control
- High Reliability
- Selectable Output Voltage
- Power Factor 1.0 (kVA = kW)
- Automatic Voltage Regulation Function
- Emergency Power Off (EPO)
- Pure Sine Wave Output
- Built-in DC Start Function (Cold Start)
- Automatic Startup During AC Recovery
- Replaceable Battery Design
- 50/60 Hz Frequency Auto-Sensing
- Lightning And Overcurrent Protection
- Deep Discharge Protection
- Battery Low, Overload Alarm
- Energy Consumption Calculation (Optional)
- Color Options: Black / White



ONLINE
UPS



USB



POWER
FACTOR



SILENT
OPERATION

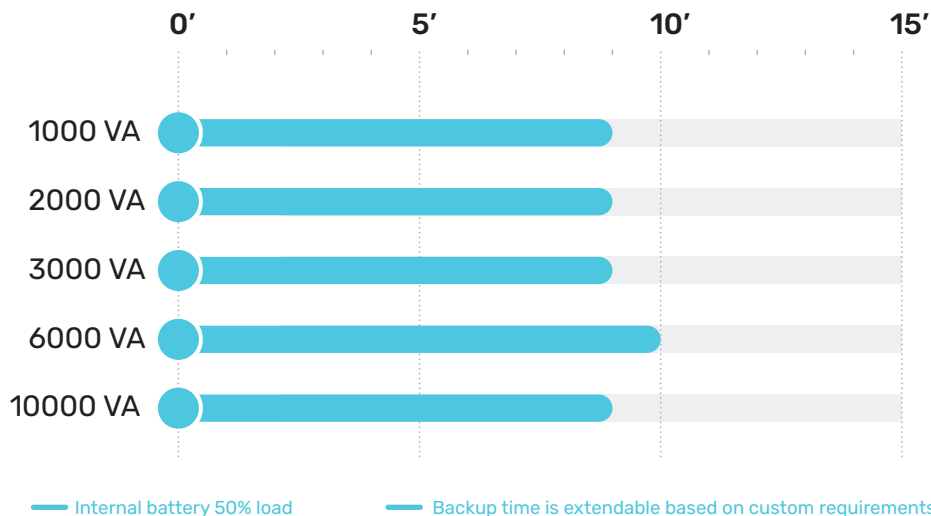


PLUG
PLAY



LCD
DISPLAY

Backup time with internal batteries



PA SERIES 1 kVA - 3 kVA Technical Data

MODEL	PA-1000	PA-2000	PA-3000
Capacity	1kVA / 1kW	2kVA / 2kW	3kVA / 3kW
INPUT			
Input System	L+N+PE		
Rated Voltage	208/220/230/240/VAC		
Voltage Range	110 VAC ~ 300 VAC 100 VAC ~ 176 VAC 280 ~ 300VAC (Power Limited)		
Frequency	50/60 + 6 Hz (Default), ± 10 Hz (Can be Set)		
Power Factor	0.99		
OUTPUT			
Output System	L+N+PE		
Power Factor	1.0		
Voltage	208/220/230/240 VAC		
Wave Form	Pure Sine Wave		
Harmonic Distortion (THDv)	≤3% (0~ 100% Linear Load) ≤5% (0~100% Non Linear Load)		
Frequency	50 Hz /60 Hz ±0.05% Hz (Battery Model)		
Inverter Overload Capacity (Normal Mode 25 °C)	AC Mode: 30min @ 102% - 110% Load 10min @ 110% - 130% Load 30sec @ 130% - 150% Load 200ms @ > 150% Load	Battery Mode: 1min @ 102% - 110% Load 10sec @ 110% - 130% Load 3sec @ 130% - 150% Load 200ms @ > 150% Load	
Transfer Time	AC Mode Switch to Battery Mode: 0ms Transfer from Inverter to Bypass Mode: 4ms		
BATTERY			
Battery Capacity	7/9Ah	7/9Ah	7/9Ah
Battery Voltage	24Vdc	48Vdc/72Vdc	72Vdc
Charge Current	1A	1-4A	
INTERFACE			
RS-232	Support Windows 2000/2003/XP/Vista/2008/Linux/Unix ve MAC		
USB	Windows Family and MAC		
Intelligent Slot (Optional)	SNMP		
ENVIRONMENTAL			
Operating Temperature	0~40°C		
Relative Humidity	20%~95% (No Condensation)		
Storage Temperature	-15~60°C		
Altitude	The Altitude Should not Exceed 1000m, derating above 1000m,up to 4000m (Max), Refer IEC62040		
Noise	≤50db		
DIMENSIONS & WEIGHT			
Dimensions (WxDxH) (mm)	349x144x225	395x144x225	395x190x325
Net Weight (Kg)	9	17	21.4
Color (Options)	Black / White		

Specifications are subject to change without prior notice.

PA SERIES 6 kVA - 10 kVA Technical Data

MODEL	PA-6000	PA-10000
Capacity	6kVA / 6kW	10kVA / 10kW
INPUT		
Input System	L+N+PE	
Rated Voltage	208/220/230/240VAC	
Voltage Range	110Vac ~300Vac 110Vac ~176Vac 280-300Vac, (Power Limited)	
Frequency	50/60 + 6 Hz (Default), ± 10 Hz (Can be Set)	
Power Factor	0.99	
OUTPUT		
Output System	L+N+PE	
Power Factor	1.0	
Voltage	208/220/230/240VAC	
Wave Form	Pure Sine Wave	
Harmonic Distortion (THDv)	≤ 3% (0-100% Linear Load) ≤ 5% (0-100% Non Linear Load)	
Frequency	50HZ/60 HZ ±0.05% HZ (Battery Model)	
Inverter Overload Capacity (Normal Mode 25 °C)	AC Mode: 30min @ 102% - 110% Load 10min @ 110% - 130% Load 30sec @ 130% - 150% Load 200ms @ > 150% Load	Battery Mode: 1min @ 102% - 110% Load 10sec @ 110% - 130% Load 3sec @ 130% - 150% Load 200ms @ > 150% Load
Transfer Time	AC Mode Switch to Battery Mode: 0ms Transfer from Inverter to Bypass Mode: 4ms	
BATTERY		
Battery Capacity	7/9Ah	7/9Ah
Battery Voltage	192Vdc	
Charge Current	1A(Default) 1-12A Settable (Optional)	
Capacity / Volts / Quantity	16x12Vx7/9AH (16 Pcs)	
Charging Duration	90% of Battery Capacity in 8 hrs (Standard Type)	
INTERFACE		
RS-232	Support: Windows 2000/2003/XP/Vista/2008/7/Linux/Unix ve MAC	
USB	Windows Family & MAC	
Intelligent Slot (Optional)	SNMP	
ENVIRONMENTAL		
Operating Temperature	0-40°C	
Relative Humidity	20%-95% (No Condensation)	
Storage Temperature	15-60°C (Battery: 0-40°C)	
Altitude	The altitude should not exceed 1000m, derating above 1000m, up to 4000m (max), refer IEC62040	
Noise	≤ 50db	
DIMENSIONS & WEIGHT		
Dimensions (WxDxH) (mm)	192x470x612	
Net Weight (Kg)	52	58
Color (Options)	Black / White	

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