UPS2000-A Series
(6-10kVA)

Introduction

UPS2000-A series (6-10kVA) is a tower-mounted, online double conversion power system that delivers continuous, high-quality AC Power. up to 96% efficiency at online mode for 6/10kVA models helps save 50% energy cost. It's really a perfect power protection solution for small power scenarios.

UPS2000-A-6K/10K

Scenarios

- Small and medium enterprises, large enterprise branch offices, bank branches and other small data centers
- Networks, communications systems, automatic control systems and other precision equipment
- Family, office

Features

High Reliability

- Wide input voltage range to minimize battery use
- Key component failure pre-alarm including fans, batteries to remind customers to maintain before failure occurs
- Coating design & key device pin special protection enhance reliability

High Efficiency

- High efficiency of up to 96% at online mode for 6/10kVA reduces power loss of UPS and air conditioner and saves customers more than 50% over less efficient models

High Availability

- LCD screen supports real-time monitoring and convenient operation
- Built-in battery design provides you integrated solution and makes it especially applicable for space-scarce use

Intelligent Management

- The NetEco 1000U management system monitors UPSs in real time and allows users easy management, and operation
- Multiple remote monitoring: supports SMS, E-mail, etc

Specifications

Rated capacity (kVA/kW)			6kVA/5.4kW (Standard Version)	10kVA/9kW (Standard Version)	6kVA/5.4kW (Professional version)	10kVA/9kW (Professional Version)
Model			UPS2000-A-6KTTL-S UPS2000-A-6KTTS-S	UPS2000-A-10KTTL-S UPS2000-A-10KTTS-S	UPS2000-A-6KTTL-P UPS2000-A-6KTTS-P	UPS2000-A-10KTTL-P UPS2000-A-10KTTS-P
Input: Output			1 phase input, 1 phase output		1 phase input, 1 phase output; dual-live-wire input, dual-live-wire output	
Mains	Input Wiring		L+N+PE		L+N+PE/2Ph+PE	
	Rated Input Voltage		220/230/240 V AC		208/220/230/240 V AC	
	Input Voltage Range		80-280 V AC			
	Input Frequency Range		50/60 Hz ± 5 Hz			
	Input power factor		≥ 0.99			
	Total Harmonic Distortion		Total Harmonic Distortion of current <3% at rated load			
Bypass Input	Input rated voltage		220/230/240 V AC		208/220/230/240 V AC	
	Input frequency range		50/60 Hz ± 5 Hz			
Battery	Battery voltage	Standard	192 V DC	192 V DC	240 V DC	240 V DC
		Long backup	192-240 V DC	192-240 V DC	192-240 VDC	192-240 V DC
	Backup time	Standard	> 5 minutes at 80% rated load	> 4 minutes at 80% rated load	> 6 minutes at 80% rated load	> 5 minutes at 80% rated load
		Long backup	Depending on the capacity of external batteries			
Output	Output wiring		L+N+PE		L+N+PE/2Ph+PE	
	Rated voltage		220/230/240 V AC ±1%		208/220/230/240 V AC ±1%	
	Output frequency		Tracking the bypass input (Online Mode); 50/60 Hz ± 0.05 Hz (Battery Mode)			
	Output power factor		0.9			
	Waveform		Sine wave, THDv < 2%			
System	Maintenance Bypass		No Built-in Maintenance Bypass		Built-in Maintenance Bypass	
	Expandability		----		Up to 4 units connected in parallel	
	Efficiency		96%			
	Overload capacity		125% overload for 5 minutes; 150% overload for 1 minute			
Enviro-nment	Operating Temperature		0°C to 40°C			
	Relative Humidity		0%–95% RH (no condensation)			
	Altitude		0-1000m. Above 1,000 m, derating 1% for each additional 100 m			
	Audible Noise		<55dB @ 1 Meter			
Others	Height x Width x Depth		580 mm x 250 mm x 605 mm			
	Weight	Standard	60 kg	66 kg	65 kg	71 kg
		Long backup	20 kg	21 kg	25 kg	26 kg
	Certifications		EN/IEC62040-1, EN/IEC62040-2, EN/IEC62040-3, CE, CB, RoHS, REACH, WEEE, etc.			
	Communications		USB, SNMP, RS485, Dry contact			