



10KVA~80KVA

PF 0.9



Introduction

This series UPS is true online, double conversion topology, with most innovative design and patents, power your business with the highest power quality. Environment friendly, high efficiency and high reliability provides the lowest TCO (Total Cost of Ownership).

This series UPS is fully digital controlled, armed with several DSP, MCU, CPLD, can parallel up to 8 units for redundancy or capacity, is truly a high quality, innovational solutions to protect your business from power problems.

Features

- Multi DSP、CPLD、MCU digital control, higher consistency and reliability.
- Output power factor 0.9, delivers 12.5% more power than tradition 0.8 UPS.
- Wide input voltage/frequency range, adapt to harsh utility power.
- Non master/slaver digital intelligent parallel control, self-load share algorithm, parallel up to 8 units.
- Single Mode ECO and parallel ECO
- Super overload capacity and output short-tolerant ability, maximize protect load even under abnormal conditions.
- Advanced intelligent battery management, self diagnose technology, extend battery life.
- Redundant control power, increase even higher system reliability.
- Independent cooling system, multi-protection design, ensures high reliability even under harsh environments.
- 6-inch LCD display, friendly interface, easy to operate.
- Environment friendly green UPS, with various harmonic restrain technology.
- Double conversion online topology, with output isolation transformer, all-round protect load from utility or generator problems.

Application:

Applied to the Datacenters, Server rooms, Finance, Telecommunications, Insurance, Education, Government, Large stadium, Opera, Theater, Harbor, Traffic facilities, Production areas etc.

Specifications:

Capacity		10kVA	15kVA	20kVA
		9kW	13.5kW	18kW
Input	Wiring connection	Three phase+Ground		
	Nominal voltage	380/400/415VAC		
	Voltage range	285VAC~498VAC		
	Frequency	50/60Hz		
	Frequency range	45-65Hz		
	Soft start	5-600sec settable		
Bypass	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)		
	Voltage range	±10%, ±15%, ±20% settable		
	Frequency range	40-70Hz (±2.5%,±5%,±10%,±20%settable)		
Output	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)		
	Voltage regulation	±1% (balance load) , ±2% (100% unbalance load)		
	Power factor	0.9		
	Dynamic response	±5% (0~100% load transient)		
	Distortion	<1% (100% linear load)		
	Transient response	<5ms		
	Sync. Range	±2Hz(±0.5—±3Hz settable)		
	Overload	105% continue,110% 300min,125% 10min,150% 1min		
	Frequency	±0.05%		
	Waveform	Pure sine wave		
Efficiency	Inverter mode	Up to 90%		
	ECO mode	98%		
Parallel	N+X	Max 8 units		
Battery	Configurtation	12V,30 pieces default(30~32pieces settable)		
Display	LCD + LED			
Physical	Dimension (mm)	Depth	720	
		Width	560	
		Height	1100	
	Weight (Kg)	190	215	255
Environment	Temperature	0-40℃		
	Humidity	0-95% non condensing		
	Noise (1m)	48-55dB		
Connective	RS-232/RS-485	Support windows2000/XP/7/Linux/Unix/Mac		
	SNMP	Support remote control through web browser		
Standard	Safty	IEC60950-1,IEC62040-1-1		
	EMC	IEC62040-2,IEC62040-3		

Capacity		30kVA/27kW		40kVA/36kW		60kVA/54kW		80kVA/72kW		
		6P	12P	6P	12P	6P	12P	6P	12P	
Input	Wiring connection	Three phase+Ground								
	Nominal voltage	380/400/415VAC								
	Voltage range	285VAC~498VAC								
	Frequency	50/60Hz								
	Frequency range	45-65Hz								
	Soft start	5-600sec settable								
	Power factor	0.95 (with input filter)								
	Bypass	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)							
Frequency		50/60Hz±10%								
Voltage range		±10%, ±15%, ±20% settable								
Output	Nominal voltage	380/400/415VAC (Three phase+Neutral+Ground)								
	Voltage regulation	±1% (balance load) , ±2% (100% unbalance load)								
	Power factor	0.9								
	Dynamic response	±5% (0~100% load transient)								
	Distortion	<1% (100% linear load)								
	Transient response	<5ms								
	Sync. Range	±2Hz(±0.5—±3Hz settable)								
	Overload	105% continue, 110% 300min, 125% 10min, 150% 1min								
	Frequency	±0.05%								
	Waveform	Pure sine wave								
Efficiency	Inverter mode	Up to 92%								
	ECO mode	97%								
Parallel	N+X	Max 8 units								
Battery	Configurtation	12V,30 pieces default(30~32pieces settable)								
Display	LCD + LED									
Physical	Dimension (mm)	Depth	720				750			
		Width	560	650	550	650	800	1100	800	1100
		Height	1100				1400			
	Weight (Kg)	300	400	300	400	600	800	600	800	
Environment	Temperature	0-40℃								
	Humidity	0-95% non condensing								
	Noise (1m)	55dB								
Connective	RS-232/(USB option)	Support windows2000/XP/7/Linux/Unix/Mac								
	SNMP	Support remote control through web browser								
Standard	Safty	IEC60950-1,IEC62040-1-1								
	EMC	IEC62040-2,IEC62040-3								