



EPX Series

(10~500KVA)

3:3 Phase

Application:

large-medium computer data center,
industrial process and
other mission-critical equipment



Display



Features:

- Advanced operation mode
- DSP controlled. Double CPU controlled
- Manual maintenance bypass
- Wide input voltage range
- High output power factor
- Strong environmental adaptability. Advanced battery management
- N+X parallel redundancy
- Compatible with generator
- Strong shock resistance ability
- EPO function
- Full protection against over-discharge, overcharge, over load.
- 12 Pulse rectifier (optional)
- Inbuilt Isolation Transformer



⊙ LBS function

LBS function supports the two independent input to improve the reliability of the system.

⊙ High reliability

True on-line static bypass technology, to provide strong overload and fault protection device. Internal manual maintenance bypass, further improve the reliability of continuous operation of the load.

⊙ Network management humanity

Communicate with PC by RS232.
Use SNMP adapter, UPS can realize remote network management function.

⊙ Optimized battery performance

Intelligent battery management function (ABM)
Automatically convert to constant-current constant-voltage charging technology.

⊙ Parallel redundancy

Can parallel 8 units UPS; Parallel UPS units can share a battery pack;
Non-fixed master/slave parallel

Model	ePI3310 ePI3320	EPX3330 EPX3340 EPX3350	EPX3360 EPX3380 EPX33100	EPX33120 EPX33160	EPX33200 EPX33250	EPX33300 EPX33400	EPX33500	
Capacity (VA)	10/20KVA	30/40/50KVA	60/80/100KVA	120/160KVA	200/250KVA	300/400KVA	500KVA	
INPUT								
Voltage range	(380VAC / 400VAC / 415VAC) ±25% 3 phase 4-wire and ground							
Frequency range	50/60Hz±5Hz auto-sensing							
Power factor	1							
OUTPUT								
Voltage range	380VAC (or 400VAC / 415VAC) ±1%							
Power factor	0.99							
Distortion	Linear <1%, Non-linear <3%							
Overload capacity	110% for 1 hr. 125% 150% 200% of the rated current for 10'/1/7"							
Crest factor	3:1 (max)							
Efficiency	95%		95%		93%			
BYPASS								
Rated Voltage	380 / 400 / 415Vac							
Bypass voltage range	Upper limit: +10%, +15%, +20% can be set, Lower limit: -10%, -20%, -30%, -40% can be set							
Rated frequency	50/60 Hz (auto-sensing) ± 0.1% Free Running							
Bypass frequency range	±2% (±10% ±20% can be set)							
Transfer time to bypass	0ms							
Overload capacity	15 times the rated current (10ms), 5 times the rated current (5s)							
BATTERY								
Battery Voltage (VDC)	348V	384V (396V & 408V can be configured)				348V		
PANEL DISPLAY								
LED	Indicate the status of input, inverter, bypass, battery, output							
LCD	Display input/output voltage, frequency, power, power factor, battery voltage, current, battery status, load percentage, UPS status, history record, set parameters.							
COMMUNICATION								
Interface	Dry contact RS232 RS485, SNMP Card							
ENVIRONMENT								
Operating Temperature	0~40°C							
Humidity	0~95% Non-condensing							
Storage Temperature	-25°C ~ 55°C							
Noise	<65dB (1m away from the unit)		<68dB (1m away from the unit)			<72dB (1m away from the unit)		
PHYSICAL CHARACTERIST								
Net (Kg)	210 / 230	336 / 346 / 351	490 / 575 / 600	755 / 900	980 / 1190 / 1200	2350 / 2580	3300	
Dimension (WxDxH) mm	500 x 800 x 1200	555 x 720 x 1220	800 x 740 x 1400	1070x750x1400	1600 x 1000 x 1800	2200 x 1000 x 2000	4200 x 1000 x 2000	
OPTIONS	Harmonic filter, SNMP adapter, LBS cable, battery temperature sensor, battery ground fault detection, bypass current sharing inductor							
SATISFY THE INTERNATIONAL EMC SAFETY REQUIREMENTS								
EMI	IEC62040-2 : output requirements of EMC on UPS (>16A)							
EMS	IEC61000-4-2 (ESD) : Anti-electrostatic discharge							
	IEC61000-4-3 (RS) : Anti-interference of radiation							
	IEC61000-4-4 (EFT) : Anti-interference of power pulse							
	IEC61000-4-5 (Surge) : Anti-lightning / surging							
Standard	YD / T1095-2008							

PERPETUAL POWER

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