

Online UPS _{3Phase Out}



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



► Technical Specifications

Model	ePI3310 ePI3320	EPX3330 EPX3340 EPX3350	EPX3360 EPX3380 EPX33100	EPX33120 EPX33150	EPX33160 EPX33200 EPX33250	EPX33300 EPX33400	EPX33500
Capacity (VA)	10/20KVA	30/40/50KVA	60/80/100KVA	120/150KVA	160/200/250KVA	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	0.9 / 0.99 with filter						
OUTPUT							
Voltage range	380VAC (or 400VAC / 415VAC) ±1%						
Power factor	0.7, 0.8 Optional	0.8 (lag) Std., 0.9 Optional					
Distortion	Linear load 3%, Non-linear<5%						
Overload capacity	110% for 1 hr. 125% 150% 200% of the rated current for 10'/1'7"						
Crest factor	3:1 (max)						
Efficiency	91%		92%		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 / 60Hz (auto-sensing)						
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℃						
Humidity	0~95% Non-condensing						
Storage Temperature	-25℃ ~ 55℃						
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-electrostatec 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						



Best Power Equipments India Pvt. Ltd.

B-68 Sector-65, Noida, U.P., NCR of Delhi, Pin : 201301, INDIA

Tel. : +91-120-4143400, 464 Fax : +91-120-4318991

Mob. : +91-9310295859, +91-9311995859

E-mail : sales@bpee.com, crm@bpee.co.in : Website :www.bpee.co.in

Strategic Power Solutions