



EPX + SERIES (10 KVA - 80 KVA)

3 : 3 Phase PF: 1.0



Features

- On - Line UPS Double-Conversion
- Pure Sinewave
- Display: LCD Display 3.7 Inches
- High MTBF (>210,000h) and low MTTR
- IP Rating :IP20
- Generator Compatible
- Charger : Three Stage Charging, Auto Switch Floating/Equalizing Charge
- Protection for Under Over Voltage and Current
- Intelligent self - diagnosing Function, all kinds of failure Protection, Large capability of History Record Storage
- EPO : Emergency power off
- Communication : RS 232 for UPS Status
- Audible Alarm : Battery Low/High, Inverter Under/Over Voltage, Overload, DC Bus Under Over Voltage
- Accept Dual-Mains Input
- Parallel Operation with up to 6 Units (Option)
- IGBT based charger for smart Battery management & improve input power factor



Control Panel : 3.7 inches



Made in Turkey

Technical Specifications:

MODEL	EPX+ 10	EPX+ 20	EPX+ 30	EPX+ 40	EPX+ 60	EPX+ 80
Capacity (VA/Watts)	10k / 10 KW	20k / 20 KW	30k / 30KW	40k / 40 KW	60k / 60 KW	80k / 80 KW
INPUT						
Operating voltage range	380/400/415Vac (380-25%, 415+25%), (3Ph+N+PE)					
Operating frequency range	50/60Hz (±15Hz)					
Power factor	≥0.98(with filter)					
OUTPUT						
Output voltage	380/400/415Vac (±1%)					
Output frequency	50/60Hz (±0.01%)					
Harmonic distortion (THD)	<3% (linear load)					
Crest factor	3:1 (Max.)					
Efficiency	> 94 %	> 94 %	> 94 %	> 94 %	> 94 %	> 94 %
BYPASS						
Rated voltage	380/400/415Vac					
Rated frequency	50/60Hz					
Voltage protection range	Upper limit: +20% (+10%,+15%,+20% adjustable) Lower limit: -40% (-10%, -20%, -30%, -40% adjustable)					
Frequency protection range	± 10% (± 2.5%, ± 5%, ± 10%, ± 20% adjustable)					
BATTERY						
Battery voltage	384Vdc					
SYSTEM FEATURES						
Transfer time	0ms (Line mode ↔ Battery mode)					
Overload	110%/60min , 125%/10min , 150%/1min					
LED display	Input, Inverter, Bypass, Battery, Output, Status					
LCD display	I/O voltage, frequency, power, power factor, battery voltage, current, battery status, load percentage, UPS status, history record					
Communication interface	Dry contact, RS232, RS485, SNMP card (Optional)					
Optional	Harmonic filter, SNMP adapter, LBS cables, battery temperature sensor, Bypass current-sharing inductor					
ENVIRONMENTAL						
Operating temperature	0 ~ 40°C					
Storage temperature	-25°C ~ 55°C					
Humidity range	0 ~ 95% (non-condensing)					
Altitude	<1500m					
Noise level	< 48dB			< 48dB		
PHYSICAL						
Dimension D × W × H (mm)	800 × 570 × 1195				760 × 880 × 1600	
Net weight (kg)	217	273	316	330	483	525
Shipping weight (kg)	272	328	371	385	553	595
STANDARDS						
Safety	IEC/EN62040-1; IEC/EN62040-2; IEC/EN60950-1					
EMC	IEC/EN62040-2; IEC61000-4-2; IEC61000-4-3; IEC61000-4-4; IEC61000-4-5; IEC61000-4-6; IEC61000-4-8					

Specifications are subject to change without prior notice.

Mfd. By:



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Dealer: