

EPX+ Series

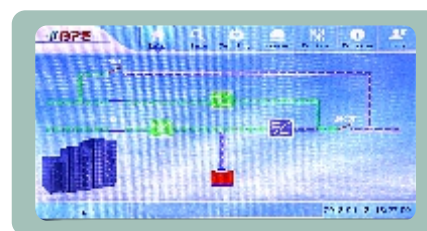
80 ~ 250-400kVA
3:3 Phase PF: 0.9

**ISOLATION
TRANSFORMER**
advantage of
NOISE REJECTION



Features:

- Online Double-Conversion.
- DSP Technology Guarantees High Reliability.
- True Inbuilt Galvanic Isolation Transformer Design.
- Control Designed to Withstand all kinds of Loads.
- Intelligent Battery Management to Prolong Battery Life Cycle.
- Redundant Fan Design and Independent Ventilation Enhances Durable Operation Under Harsh Environment.
- Adjustable Battery Numbers.
- Accept Dual-Mains Input.
- Parallel Operation with up to 6 Units (Option).
- Variety of Communication Options Available.
- 6.7 Inch Colour Touch Screen Display
- IGBT based charger for smart battery ripple management & improve input power factor



6.7" Touch Screen



MODEL	EPX+3380L32	EPX+33100L32	EPX+33120L32	EPX+33160L32	EPX+33200L32	EPX+33250L32	EPX+33400L32
Capacity	80kVA	100kVA	120kVA	160kVA	200kVA	250kVA	400kVA
INPUT							
Rated AC Voltage	380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Range	290V ~ 480V AC \pm 5V						
Frequency Range	50 / 60 Hz \pm 10% Auto Sensing						
Power Factor	0.93 with Filter						
Walk-in Time	5 ~ 300 Sec. (Configurable)						
BYPASS							
Rated Voltage	380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Range	+ 20%, -30% (Configurable)						
Frequency Range	50 / 60 Hz \pm 10% (Configurable)						
BATTERY							
Battery Voltage	384V DC Standard (360 ~ 408 Configurable)						
Ripple	1%						
Charging Current Max. (A)	0.10C to 0.25C upto 100~300Ah at 100% Load (Configurable)						
OUTPUT							
Rated Voltage	380V / 400V / 415V AC (3Ph+N)						
Frequency Range	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode						
Voltage Regulation / PF	\pm 1% / 0.9 (kW=0.9*kVA)						
Harmonic Distortion (THDv)	1% Linear Load, 5% Non-Linear Load						
Crest Factor / Transfer Time	3:1 / Zero						
Efficiency	Up to 95% Dual Conversion Mode, 99% ECO Mode						
Overload	125% for 10 Min, 150% for 1 Min, 150% for 300 ms						
SYSTEM FEATURES							
Parallel	Up to 6 Units (Optional)						
Display	6.7 Inch Touch Screen			5.7 Inch LCD + LED			
IP Rating	IP 20						
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current,						
Audible Alarms	Alarm for batt. Low, DC High, Inverter Under/Over Voltage, Overload, Short Circuit, Fan Failure & UPS Fault						
LED Indicators	Bypass, Mains, Battery and Fault						
LCD Display Information	Input Voltage & Freq.; Output Voltage, Current, KVA, KW, Total Power, PF, Load % Per Phase, Load % Total & Freq.; Bypass Voltage & Freq.; Inverter Voltage & Freq.; Battery Voltage, DC Bus Voltage, Charging Current, Discharging Current, Temperature.						
ENVIRONMENTAL							
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C						
Humidity / Altitude	0~95% RH Non-condensing / <1500 M						
Noise	Low Audible Noise Level						
STANDARDS							
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, RoHS						
Safety	IEC/EN62040-1						
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE						
PHYSICAL							
Dimensions WxDxH (mm)	880x7600x1600	1160x805x1600			1400x945x1900		1640x1040x1900
Weight (Kg)	80kVA	100kVA	120kVA	160kVA	200kVA	250kVA	400kVA
	525	800	903	1219	1425	1580	2050
COMMUNICATION INTERFACE							
Standard	RS-232						
Optional	SNMP / ModBus / Dry Contact / USB / RS-485						
Monitoring Software	NetAgent / Muser4000						

*Specifications are subject to change without prior notice.