

EPX+ Series

60 ~ 120kVA
3:3 Phase PF: 0.9

Applications:

For all kind of ADP Machines



Features:

- Online Double Conversion Topology.
- 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.
- 7" Inch Colour Touch Screen Display
- IGBT based charger for smart battery management & improve input power factor
- EPO & ECO Mode Operation



7" Touch Screen



MODEL	EPX+3360L32	EPX+3380L32	EPX+33100L32	EPX+33120L32
Capacity	60kVA	80kVA	100kVA	120kVA
INPUT				
Rated AC Voltage	380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Range	290V ~ 480V AC ± 5V			
Frequency Range	50 / 60 Hz ± 10% Auto Sensing			
Power Factor	≥ 0.95 (With Filters)			
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 ± 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 ± 1~10% Sync Mode (Configurable), 50/60 Hz ± 0.1 Hz Battery Mode			
Voltage Regulation	±1%			
Harmonic Distortion (THDv)	≤ 1%			
Crest Factor / Transfer Time	3:1 / Zero			
Efficiency	95.0% Dual Conversion Mode, 99.0% ECO Mode			
Overload	≤ 110% for 60 Min, ≤ 125% for 10 Min, ≤ 150% for 1 Min, ≥ 150% for 300 ms			
SYSTEM FEATURES				
Parallel	Up to 6 Units (Optional)			
Display	Touch Screen & LED Mimic Diagram			
IP Rating	IP20			
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 Indicatos	Bypass, Mains, Battery and Fault			
LCD 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: 0~50°C*, Storage: -15°C ~ 60°C			
Humidity / Altitude	0~95% RH Non-condensing / <1500 M			
Noise	<65dBA			
STANDARDS				
Quality	ISO 9001, ISO 14001, ISO 27001, ISO45001, ISO 50001, RoHS			
Safety	IEC/EN62040-1			
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE			
PHYSICAL				
Dimensions WxDxH (mm)	430x830x1100	720x690x1400		890x790x1600
Weight (Kg)	315	365	420	635
COMMUNICATION INTERFACE				
Standard	RS232			
Optional	SNMP / ModBus / Dry Contact / USB / RS485			
Monitoring Software	NetAgent / Muser4000			

* Conditions apply
Specifications are subject to change without prior notice.

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