

EPX+ Series

10 ~ 40kVA
3:3 Phase PF: 0.9

Applications:

For all kind of ADP Machines



Features:

- ◆ Online Double-Conversion.
- ◆ DSP Technology Guarantees High Reliability.
- ◆ Isolation Transformer Compatible
- ◆ 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+3310L32	EPX+3320L32	EPX+3330L32	EPX+3340L32
Capacity	10kVA	20kVA	30kVA	40kVA
INPUT				
Rated AC Voltage	380V / 400V / 415V AC (3Ph+N+PE)			
Voltage Range	290V ~ 480V AC			
Frequency Range	50 / 60 Hz \pm 10% Auto Sensing			
Power Factor	\geq 0.99			
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	\leq 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	\pm 1%			
Harmonic Distortion (THDv)	\leq 1% Linear Load, \leq 5% Non-Linear Load			
Crest Factor / Transfer Time	3:1 / Zero			
Efficiency	Up to 95% Dual Conversion Mode, 99% ECO Mode			
Overload	\leq 110% for 60 Min, \leq 125% for 10 Min, \leq 150% for 1 Min, \geq 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: -10°C ~ 55°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)	350x650x1050		430x830x1100	
Weight (Kg)	155	190	242	315
COMMUNICATION INTERFACE				
Standard	RS-232			
Optional	SNMP / ModBus / Dry Contact / USB / RS-485			
Monitoring Software	NetAgent / Muser4000			

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