

EPX+ Series

160 ~ 400kVA
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+33160L32	EPX+33200L32	EPX+33400L32
Capacity	160kVA	200kVA	400kVA
INPUT			
Rated AC Voltage	380V / 400V / 415V AC (3Ph+N+PE)		
Voltage Range	290V ~ 480V AC		
Frequency Range	50 / 60 Hz ± 10% Auto Sensing		
Power Factor	≥ 0.95 (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 ± 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% Linear Load, ≤ 5% Non-Linear Load		
Crest Factor / Transfer Time	3:1 / Zero		
Efficiency	Up to 93.0% 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	7" Touch Screen LCD with LED Mimic diagram		
IP Rating	IP20		
Alarm / Protection	Short Circuit, Input Under/Over Voltage, Over Temperature, Over Current,		
Audible Alarms	Alarm for battery Low, DC High, Inverter Under/Over Voltage, Overload, Short Circuit, Fan Failure & UPS Fault		
LED Indicatio	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	Low Audible Noise Level		
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)	890x790x1600	1200x800x1600	1400x1000x1900
Weight (Kg)	740	1030	1640
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.

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