- True double-conversion
- DSP controller optimizes reliability & performance
- Output power factor = 0.9
- Active power factor correction in all phases
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving
- Emergency power off function (EPO)
- Generator compatible
- SNMP+USB+RS-232 multiple communications
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery string numbers for long-run model
- Optional maintenance bypass switch
- Optional parallel operation up to 2 units
- Optional isolation transformer offers full isolation and complete common mode noise rejection

EPOS 3P/3P 30K~200K ONLINE UPS SPECIFICATION

MODEL		EPOS 100KL	EPOS 120KL	EPOS 160KL	EPOS 200KL
CAPACITY		100kVA / 90kW	120kVA / 108kW	160kVA / 144W	200kVA/180kW
INPUT					
Nominal Voltage		3 x 400 Vac (3Ph+N)			
Voltage Range	@ 50% load	190-520 Vac (3-phase)			
	@ 100% load	305-478 Vac (3-phase)			
Frequency Range		40 ~ 70 Hz			
Power Factor@ 100% load		≧ 0.99			
OUTPUT					
Output Voltage		380/400/415 Vac (3Ph+N)			
AC Voltage Regulation (Batt. Mode)		± 1%			
Frequency Range (Synchronized Range)		46~54Hz or 56~64Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion (THDv)	(Linear Load)	≦ 2 %			
	(Non-linear Load)	≦ 5 %			
Transfer Time	Line mode to Battery mode	zero			
	Inverter to Bypass	zero			
Waveform (Batt. Mode)		Pure Sine Wave			
Overload	Line Mode	105-110% for 60mins, 110-125% for 10mins, 125-150% for 1min, >150% for 200ms			
	Battery Mode				
PARALLEL CAPACITY		up to 2 units in parallel			
EFFICIENCY					
AC Mode		94.0%			
ECO Mode		98.0%			
Battery Mode		93.0%			
BATTERY					
Battery Type		Depending on the capacity of external batteries			
Numbers		32-40 pcs(Adjustable)			
Typical Recharge Time		Depending on the capacity of external batteries			
Charging Current (max.)		24A	32A	40A	48A
Charging Voltage		438.4 ~ 548 Vdc			
INDICATORS					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM					
Battery Mode		Beeps every 4 seconds			
Low Battery		Beeps per second			
Overload		Beeps twice per second			
Fault		Continuously beeping			
PHYSICAL					
Dimension, WxHxD (mm)		567x1015x940		567x1452x1040	
Net Weight (kgs)		194	229	306	340
ENVIRONMENT					
Operation Temperture		0-40°C			
Operation Humidity		<95% and non-condersing			
Noise Level@ 1 Meter		< 70 dBA		< 73 dBA	
MANAGEMENT					
Smart RS-232/USB		Supports Windows® 2000/2003/XP/Vista/2008//7/8/10, Linux, Unix, and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

Product specifications are subject to change without further notice