

ONLINE UPS

EP
10~800KVA
3:3 Phase

FEATURES

- EPO function
- Full DSP control
- High power factor
- LBS synchronization
- Advanced working mode
- Strong overload capability
- Modular N+X parallel redundancy
- User-friendly network management
- True online double conversion design
- Comprehensive and reliable protection
- Optimization of high-performance battery



MODEL	EP10	EP20	EP30	EP40	EP60	EP80	EP100	EP120	EP160	EP200	EP300	EP400	EP500	EP600	EP800	
Capacity (VA/Watts)	10KVA/ 9KW	20KVA/ 18KW	30KVA/ 27KW	40KVA/ 36KW	60KVA/ 54KW	80KVA/ 72KW	100KVA/ 90KW	120KVA/ 108KW	160KVA/ 144KW	160KVA/ 144KW	300KVA/ 270KW	400KVA/ 36KW	500KVA/ 450KW	600KVA/ 540KW	800KVA/ 720KW	
INPUT																
Nominal Voltage	380VAC / 400VAC / 415VAC-25%, +20%, (3Ph+N+PE)															
Frequency	50/60Hz±5Hz															
Power Factor	>0.97 (with filter)												<0.85			
OUTPUT																
Output Voltage	380VAC / 400VAC / 415VAC (±1%)															
Frequency	50Hz/60Hz±0.5%															
Crest Factor	3:1 (max)															
Efficiency	>88%	>89%	>91%				>92%				>92.5%	>93%	>94%	>95%	>96%	
Harmonics Voltage (THDv)	Linear load: <3%															
BATTERY																
DC Voltage	384VDC												480VDC			
BYPASS																
Rating Voltage	380VAC / 400VAC / 415VAC															
Frequency	50Hz/60Hz															
Voltage Range	Upper limit: +20% (+10%, +15%, +20% adjustable) / Lower limit: -40% (-10%, -20%, -30%, -40% adjustable) / ±10% (±2.5%, ±5%, ±10%, ±20% adjustable)															
SYSTEM FEATURES																
Transfer Time	Line mode -->Battery mode: 0ms															
LED Display	Input, Inverter, Bypass, Battery, Output, Status															
LCD Display	I/O Voltage, Frequency, Power factor, Battery voltage, Current, Battery status, Load percentage, UPS status, History record, Settings															
Communication Interface	Dry contact, RS232, RS485, SNMP card (Optional)															
OVERLOAD PROTECTION																
Overload Capacity	Load<110%: last 60 min, Load <125% last 10 min, Load <150% last 1 min															
ENVIRONMENTAL																
Humidity	0-95% Relative Humidity 0-40°C (Non-condensing)															
Noise Level	<60dB					<65d					<70dB					
PHYSICAL																
Dimension W x D x H (mm)	800 x 570 x 1195				760 x 880 x 1600			805 x 1160 x 1600		945 x 1400 x 1900	1040 x 1640 x 1900		1040 x 2800 x 1900		1100 x 3900 x 1900	
Net Weight (kgs)	217	273	316	330	483	525	800	903	1219	1425	1800	2050	3700	4500	6400	

*Specifications are subject to change without prior notice.