



Online UPS

EA860 Series

10KVA~80KVA(3/1)



Ideal applications
 Centralized server center, network control center, Information center

Features:

- 100% digital technology**
 Self-diagnosis, circuit control, parameters setting and program management are based on 3 high speed micro-controllers.
- Applies high-tech components**
 DDC (Direct Digital Control), DSP (Digital Signal Processing), ASIC (Application Specific IC) and CPU are used in this system.
- Super performance from IGBT**
 High speed on/off, operating on high voltage and large current, simple gate control circuits (voltage-controlled), high efficiency, and high stability.
- Fully meets sharp load fluctuation from 0 to 100%**
 Completely meet the requirements of sharp load fluctuation without transferring to bypass, and maintain the output within tolerance.
- Large screen LCD display**
 Users can conveniently operate the UPS according to the instructions and easily get UPS operating status at any time via large screen LCD.
- Perfect protections**
 Built-in over/low-voltage, over-current, overload, and short circuit protections ensure lowest failure rate.
- Low output voltage distortion**
 Owing to partial circulating current control, inverter could rapidly control impulse current from load change and surge. UPS can quickly respond to load change via feedback control.
- Intelligent battery management**
 UPS will automatically charge and discharge the battery in float charging or boost charging mode according to the cycle set by the internal software, and automatically maintain the battery without manual operation, which prolongs the battery life.

Specifications

Model	EA8610	EA8615	EA8620	EA8630	EA8640	EA8650	EA8660	EA8680	
VA Rating	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA	
Operating Mode and Principle	True on-Line, Static Bypass(Uninterruptible Switch), Dual Conversion, Input & Output Galvanic Isolation								
AC Input									
Phase	3 Phases + N + G								
Voltage	380V ± 25%								
Frequency	50/60Hz ± 5%								
Soft Start	0~100% 5s								
Bypass Input									
Phase	Single Phase								
Voltage	220V ± 20%								
Frequency	50/60Hz ± 5%								
Transfer Time	0ms, Inverter to Bypass (Overload)								
DC System									
DC Voltage	360V (Rated Voltage) ; 315V (Shutdown Voltage)								
Current	25A	38A	51A	76A	101A	126A	152A	203A	
Charge Current	1A~ 30A (Adjustable, Depend on battery)								
AC Output									
Phase	Single Phase								
Voltage	220V ± 1%(Stable Load); 220V ± 5%(Fluctuated Load)								
Frequency	50~60Hz ± 0.05 (Battery Mode)								
Power Factor	0.8								
Waveform	True Sine Wave								
Harmonic Distortion	<3%(Linear Load); <5%(Non-Linear Load)								
Dynamic	Instantaneously Changing of Load (0 to 100%), changing of Output Voltage < 5%								
Time	Transient Recovery Time < 10ms								
Overload	125% for 1Min; 150% for 1s								
Cooling	Forced Wind								
System									
Efficiency	91%	91%	92%	92%	93%	93%	93%	95%	
Communication	RS232, SNMP (Optional)								
Temperature	0~40℃ (Operating)								
Humidity	30~90%								
Noise(db)	48~60		53~65			55~65			
Dimension(mm)	350 x 665 x 920		395 x 665 x 940		435 x 770 x 1080		710 x 720 x 1450		710 x 855 x 1500
Net weight(Kg)	133		171		275		385		498
Packing Dimension	460 x 770 x 1130		500 x 770 x 1130		510 x 850 x 1250		780 x 790 x 1600		780 x 940 x 1660
Gross weight(Kg)	156		196		300		430		557

◆ All specifications subject to change without notice
 ◆ Custom-made specifications are acceptable