



Lets Your Best Power System

Online UPS SI890

10KVA-120KVA(3/3)

380V /208V

Application:

Finance, Telecom, Insurance, Traffic, Taxation, Military, Security, Energy, Education, Government, Industry, etc.



SI 890 series 3phase large power UPS(10kVA–120kVA), offer advanced DSP control, high speed 16 bits digital IC, DDC control technology, also use advanced high power IGBT and SCR, it is a digital, Information, Networking, Online Intelligent Pure Sine-wave Uninterruptible Power Supply, which is based on reliable, advanced, high efficiency digital/analog hybrid technology. EA890 can supply strong power guard for you.

Features

Intelligent Digital Control

- High speed MCU control, it can do parameter setting, running progress management, self-test, self-detective, and so on. Also can detect all the independent circuits, and do faults protection.
- Advanced DDC (Direct Digital Control) technology,DSP (Digital Signal Processor) technology and special IC used, it keeps UPS with perfect performance.
- Advanced IGBT (Insulated Gate Bipolar Transistor) with high speed switch, high voltage, large current, makes efficiency higher, driver circuit smaller, and improve the system efficiency and reliability.

100% Unbalance load capability

- 3phase independent modulation, full bridge Inverter designed, it can be 100% unbalance load in 3phase.

Intelligent Battery Management

- Rectifier/Charger Integrated design, charging capacity is configured according with battery, user can set up parameters with operation platform, and charging current can be configured by software automatically, also can configure battery self-test, charging/discharging interval time, and keep battery long life.

Optional communication interface

- RS232/RS485, and several dry contacts, can be used for communications and remote control.

Functional LCD display

- Large LCD display, it can show UPS running status, running progress, UPS parameter data, fault events, etc.

Perfect protection

- With various system protection. As over voltage, low voltage, over current, over load, short circuit, etc can be detected, and supply reliable protection.

Parallel (Optional)

- 1+1Parallel

Specifications

Model	SI8910	SI8915	SI8920	SI8930	SI8940	SI8950	SI8960	SI8980	SI89100	SI89120	
Rating	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA	100KVA	120KVA	
Operating Mode	On line, static bypass switch (zero transfer time), Double switch technology, output power to totally isolate										
AC Input											
Phase	3phase +N+G										
Voltage	380V/400V/415V ± 25% or 200/208/220VAC ± 25%										
Frequency	50Hz/60Hz ± 5%							40 ~ 65Hz			
P.F	≥0.85(input filter optional)										
Bypass Input											
Phase	3 Phases+N+G										
Voltage	380V/400V/415V ± 25% or 200/208/220VAC ± 25%							380V/400V/415V + 15%/ -25% or 200/208/220VAC + 15%/ -25%			
Frequency	50Hz/60Hz ± 5%										
Transfer Time	0ms, Inverter/Bybass (overload)										
DC System											
Voltage	DC360V(AC380V), DC192V(AC208V)							360V			
Charge Current	1A ~ 30A(can be set according battery capacity)							5A-40A(can be set according battery capacity)			
AC Output											
Phase	3 Phases+N+G										
Voltage	380V/400V/415V ± 2% or 200/208/220VAC ± 2%										
Frequency	50/60Hz ± 0.5%(Battery Mode)							50/60Hz ± 0.2%(Battery Mode)			
P.F	0.8										
Waveform	True Sine Wave										
Distortion	Total Harmonic Distortion: ≤3%(Linear Load), ≤5%(Non-Linear Load)										
Dynamic load voltage instant distortion	< ± 5% (from 0 to 100% abrupt change)										
Dynamic response recover time	< 10ms										
Unbalance Voltage	< ± 1%; < ± 3% (unbalance load voltage)							≤ ± 2%			
Overload capacity	105% ~ 125% 10min; 125% ~ 150% 1min; > 150% 1s										
System											
Efficiency	≥91%										
Interface	RS232 (SNMP, dry contact for optional)							RS232,RS485(SNMP, dry contact for optional)			
Temperature	0 ~ 40°C(Operating)										
Altitude	< 1000m (per100m, power decline 1%, Max.4000m)										
Cooling	Forced Air cooling (can be adjusted in different load)										
Noise (dB)	48~60			53~65				55~65			
Outlooking											
Cabinet color	Black										
Dimension(W×D×H)mm	450×725×1140			450×850×1230			710×850×1500		900×800×1800		
Parallel cabinet	600×700×1350			710×720×1450							
Packing (W×D×H)mm	556×828×1310			565×945×1395			810×950×1662		970×870×1960		
Parallel cabinet	700×800×1520			820×830×1610							
Gross weight (kg)	232	248	300	380	480	580	650	840	950	1100	

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