

HE880 Series DSP Online UPS 1/1 or 3/1 (6KVA ~ 30KVA)

HE880 series is the 2nd generation high performance, double-conversion online UPS system with DSP control. They are ideal choices for providing power protection to critical computers and equipment in data centers, ISP, banks, securities, telecommunication industry, hospitals and medical clinics, government, and large enterprises, etc.

Features:

- Power range: 6KVA to 30KVA
- 6KVA ~ 10KVA: 1/1 configuration
- 10KVA ~ 30KVA: 3/1 configuration
- Advanced DSP digital control technology
- High input power factor
- Green and energy-saving design
- Reliable parallel technology
- Easy setting through UPS front panel
- Flexible network monitoring and management
- Large LCD display showing operating status
- Perfect protection for various abnormal power situations.
- Generator compatible.
- Cold start and AC stat function
- Easy maintenance.

Advanced DSP---digital control technology

The inverter control, phase synchronization, I/P rectify control, logic control systems all take advantage of the DSP technology, so that the UPS has high precision, high speed; simple control circuit and high reliability.

High input power factor---green power and energy-saving design

The input power factor is above 0.98; Input current THDI <5%, which greatly reduces the harmonic pollution of the AC network. In the meantime, the efficiency of utility usage is improved, and the installation cost and the noise are both reduced. The fan speed can also be adjusted automatically. All these make the UPS green energy-saving power.

Wide input voltage and frequency range

With wide input voltage and frequency range, it reduces the frequency of battery discharging process, so that the battery life can be increased. In the meantime, the UPS works very well with oil generators.

Reliable parallel technology

It adopts the most advanced parallel control technology and digital equal flow control technology to make the UPS highly compatible and have the choice of N+1 parallel and redundancy, and share battery sets.

Configuring UPS from LCD panel

The user can set the output voltage and frequency through the front panel buttons, and the UPS can be set to connect equipment with different voltage and frequency.

Flexible network monitoring and management

The UPS communication port includes RS232, USB, EPO, RS485 (optional), SNMP(optional), dry contact(optional) etc. It can also support TCP/IP protocol with remote control. The network monitoring and management enables the UPS can perform self-diagnosis, send instructions and emails, and automatically save the files and turn off the UPS, etc.

Large LCD display showing UPS operating status

PE8800 series UPS is equipped with large LCD display to show working status and UPS parameters. It also provides failure alarm information and offer status report, which makes the daily maintenance of the UPS very easy.

Perfect protection

The UPS has input & output over-voltage protection, low voltage protection, overload protection, short-circuit protection, over-heat protection, surge protection etc to ensure that the UPS will work well in different environments.

Cold start and AC start function

When AC fails, UPS can be started directly using its battery power. In AC mode, UPS can be started by AC directly without battery. When the battery discharges and there is low voltage protection, the UPS can start up automatically after AC power recovers.

Easy maintenance design

With LCD display, manual bypass design, and failure information enquiry function, it is convenient for users to perform UPS maintenance.