

Industrial UPS

INTRODUCTION

Industrial UPS is a double-conversion online uninterruptible power supply system with pure sine wave output. It is a power supply equipment that can provide important loads with power supply free from grid interference, stable voltage and stable frequency. When the utility power is lost, UPS inverts the battery energy to the load to achieve uninterrupted output.

Industrial UPS adopts double conversion structure of output isolation transformer and advanced all-digital control technology to achieve stable, clean and uninterrupted power supply output. At the same time, it also provides diversified communication solutions and friendly man-machine interface to facilitate users to set up and monitor the machine.

The communication section provides MODBUS, RS232 and an expandable intelligent slot.

BASIC COMPONENT

Industrial UPS system is composed of several main modules, such as AC-DC-AC double conversion circuit (which consists of rectifier module and inverter module), static bypass, maintenance bypass, battery charge and discharge circuit. The mains and the bypass are switched by the anti-parallel thyristor.

APPLICATIONS

It is suitable for harsh environment of energy and chemical industry.

FEATURES

- True online double conversion equipped with DSP control technology
- Stubborn battery performance to prevent damage to upper and lower connections
- Screwless cabinet design and fully coating PCBA to withstand external the harsh environment
- Independent ventilation design for effective heat dissipation
- Flexible battery configuration to adapt different applications

- Accept dual-mains input
- Convenient front maintenance screen
- Short circuit and overload capacity
- Easy integration into existing electrical networks or generator
- Parallel capability up to 4 units



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