

UPS-System

Why an uninterruptable Power supply? (UPS)

Electrical power outage, unexpected variations in the power grid can disturb your system and lead to data losses. Even if you use sensitive equipment there is a potential danger to damage the system or destroy your product in the manufacturing process.

Besides this don't forget the production process, lightning systems, automated equipment or security systems.

The easiest and most effective method to protect your system is to install a UPS.

As an interface between the power grid and your system a UPS assures continuity and quality of the electrical power distribution.



UPS Systems in general

UPS systems operate in the technology mode, that means that the UPS distributes the power all the time, even if the grid power is available. In addition the internal batteries will be charged. In case of a grid power failure the UPS uses the battery as power source and generates the required AC power to supply your connected systems. In case of an internal failure the UPS has a bypass function that guarantees uninterrupted power distribution until the failure is rectified.

- ➔ Real online UPS
- ➔ Microprocessor controlled
- ➔ comfortable monitoring and diagnostic system
- ➔ Multiple systems connectable to increase power output (n+1 mode)

General technical data

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|-------------------------------|---|
| Power output: | From 350VA to 800kVA, (up to 8 UPS systems connectable in parallel) |
| Voltage input single phase | 220 / 230 / 240 V \pm 15 % |
| Voltage input three phase | 380 / 400 / 415 V \pm 15 % |
| Frequency: | 45 Hz to 60 Hz |
| Voltage output single phase : | 220 / 230 / 240 V \pm 1 % |
| Voltage output three phase : | 380 / 400 / 415 V \pm 1 % |