



Sigma Series:

Series VII

1 - 3KVA

Single-phase units

On-line protection for Computer Servers

The Sigma Series VII is the mighty turbo in the single phase ONLINE family of uninterruptible power supplies by HELIOR.

The Series VII provides reliable protection, also high-end applications and is extensively equipped to master all eventualities.



Sigma's outstanding features:

- ◆ Pure sine wave output
- ◆ Tower / Rack multi-configuration for flexible installation
- ◆ Microprocessor control guarantees high reliability
- ◆ Adopting high frequency full bridge topology for high steady performance
- ◆ High input power factor correction
- ◆ Selectable various output range and operating mode
- ◆ Cold start function
- ◆ Inbuilt static bypass enhance better protection for critical load
- ◆ Built-in dry contact/RS-232/EPO communication port
- ◆ SNMP allows for web-based remote or monitoring management
- ◆ Optional USB communication port
- ◆ Enable to extend runtime with scalable external battery pack
- ◆ Overload, short-circuit, and overheat protection
- ◆ Hot-swappable battery design
- ◆ Compact size with high over all efficiency



Sigma Series: True on-line double conversion technology with integrated static bypass mechanism

In normal operation, the Sigma Series converts the mains AC voltage into DC voltage which supplies a battery and an inverter with energy.

The inverter generates a sine wave AC voltage which is permanently available at the output.

If and when power problems strike, the battery delivers the required power to the inverter.

The additional Bypass system integrated into the UPS device guarantees an unprecedented level of power supply security.

In overload or short-circuit conditions the Bypass system automatically switches mains power directly through to the user.

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