Economical operation
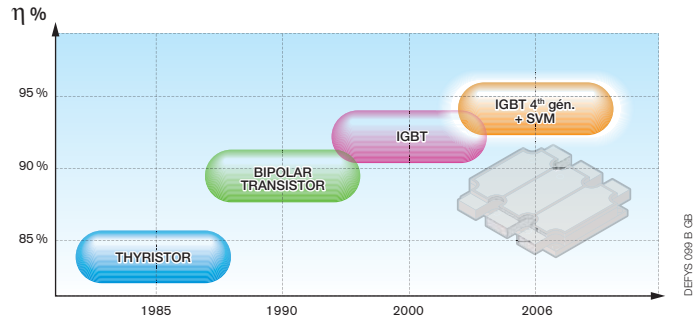## to reduce your electricity bill

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High efficiency

Saving energy

SOCOMEC UPS Uninterruptible Power Systems reduce your energy consumption. High efficiency is guaranteed through the use of next generation IGBTs with low switching losses associated with new techniques for optimising control of the UPS inverter.

ECO MODE

For more tolerant applications

- **ECO-MODE** allows an even more economical operation for less demanding applications or for periods of operation where permanent voltage is not required.
- In this configuration applications are supplied by the network.
- In the event of a failure the system automatically switches to UPS mode.
- The efficiency achieved is greater than 98 %.

Function available for the following ranges:

- **MODULYS**
- **MASTERYS**
- **DELPHYS MP**
- **DELPHYS MX**

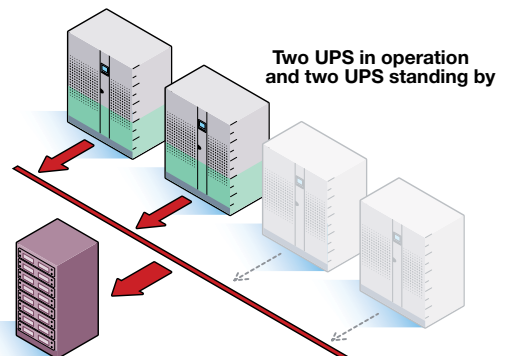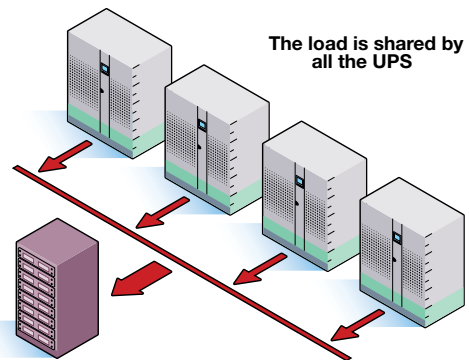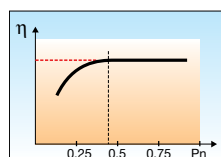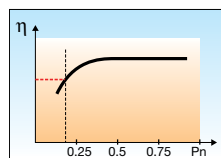## Always on Mode

For more tolerant applications

- This innovative operating mode has been designed specifically for the **MASTERYS** range.
- In this configuration, applications are supplied by the network, but the harmonic feedback normally generated on the network by non-linear loads is analysed and automatically corrected by the inverter.

This configuration guarantees economical operation with a supply of sinusoidal current from the network.

Energy Saver

Optimum energy management

- This function optimises the efficiency (η) of your UPS in parallel when operating with a partial load.
- Only the UPS needed to supply the energy required by the applications are in operation.
- Redundancy is nevertheless ensured by maintaining an additional unit in operation.
- When the power consumed by the applications increases, the UPS units needed to meet the increased power requirements cut in instantly.
- This type of operation is perfectly suited to applications subject to frequent variations in power.
- It can be used in all configurations with at least three UPS units in parallel.
- Energy Saver enables the increased efficiency of the whole system to be maintained.

Function available for the following ranges:

- **MASTERYS**
- **DELPHYS MP**
- **DELPHYS MX**

The load is shared by all the UPS

Two UPS in operation and two UPS standing by

![socomec UPS - Innovative Power Solutions]