Innovative Power Solutions

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Innovative Power Solutions

Presentation summary

- Company profile
- Netys RT range
- Green Power UPS
- Q&A

Company Profile

> Founded in 1922, France. Industrial Group Manufacturer specializing in secure power supply, control & security of low voltage electrical energy, for industrial & services sectors.


SICON factory in Italy

> Year 2008 Turnover > € 309 million

> 2 Complementary Industrial Divisions:-

- Low voltage switching components & Protections Systems
- UPS for AC & DC applications

> 18 Subsidiaries Worldwide, 2200 Staffs

> 8 Manufacturing Sites (3 in France, 2 in Italy, 1 in Tunisia, 2 in India &1 in Chin

NETYS RT from 1100 to 11000 VA

Complete professional solution for the protection and the availability of IT infrastructure-
On-line topology

New Netys RT range

RT versatile
Tower use
Rack-optimized

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1,1 – 1,7 – 2,2 – 3,0kVA	5,0 – 7,0kVA	9,0 – 11,0kVA
Up to 6 servers	Up to 14 servers	Up to 22 servers
		
2U **Internal battery**	**2U + 2U** **UPS + battery**	**3U + 3U** **UPS + battery**

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New Netys RT key features

- Best-in-class ON-LINE double conversion VFI

  with input PFC & automatic bypass
- Wide input voltage tolerance 130* – 280Vac *@70%load
- High efficiency in online mode > 92%
- Very high density 4,4W/cm3 (11kVA 8kW)
- P.F. output 0,7 but higher VA power in the category
- Modular & long autonomy design
- High overload capability

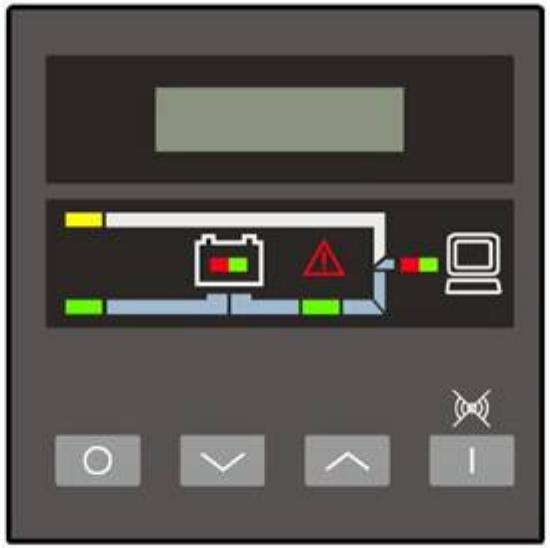
  105% continuously; 125% x 3 min; 150% x 30 sec (1,1-3kVA)

  105% continuously; 125% x 5 min; 150% x 30 sec (5-11kVA)

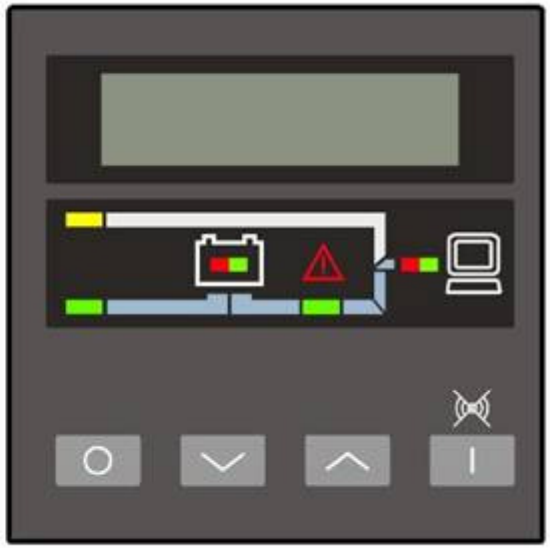
Control panels

1,1 – 1,7 – 2,2 – 3,0kVA

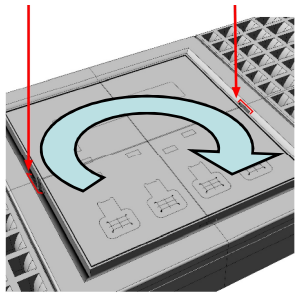
5,0 – 7,0kVA



9,0 – 11,0kVA



Multilingual LCD display (5-7 & 9-11kVA)



- backlit LCD, 2 lines
- 6 languages(Eng, Fr, Sp, German, It, Por)
- rotative for use in Tower or Rack mode
- access to measurements, alarms, configuration menu

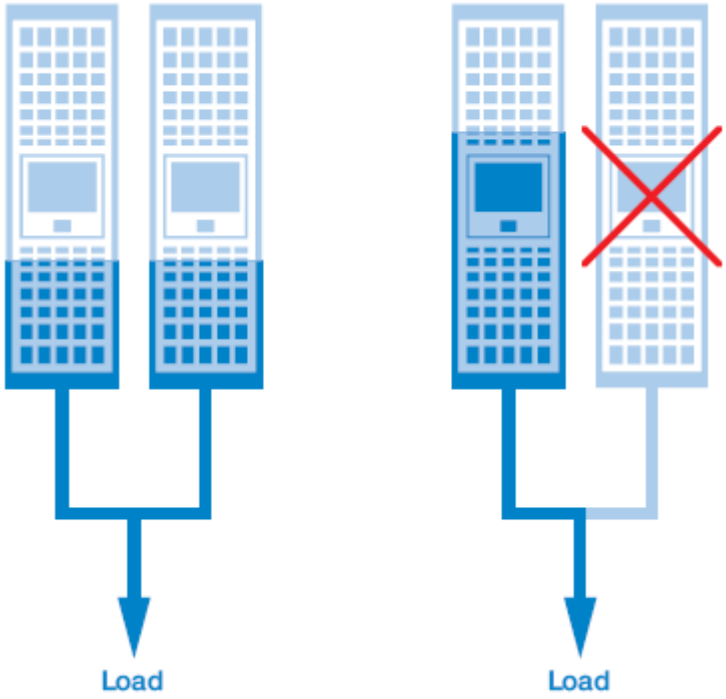
Manual Bypass option

- **Unique manual bypass box for 5, 7, 9, 11kVA**
- **2U suitable for tower & rack application**
- **Make before break (using parallel port)**

Power rating: 11000VA / 8000W
Manual Bypass Switch: 80A
Parallel port: DB15

Parallel redundant configuration

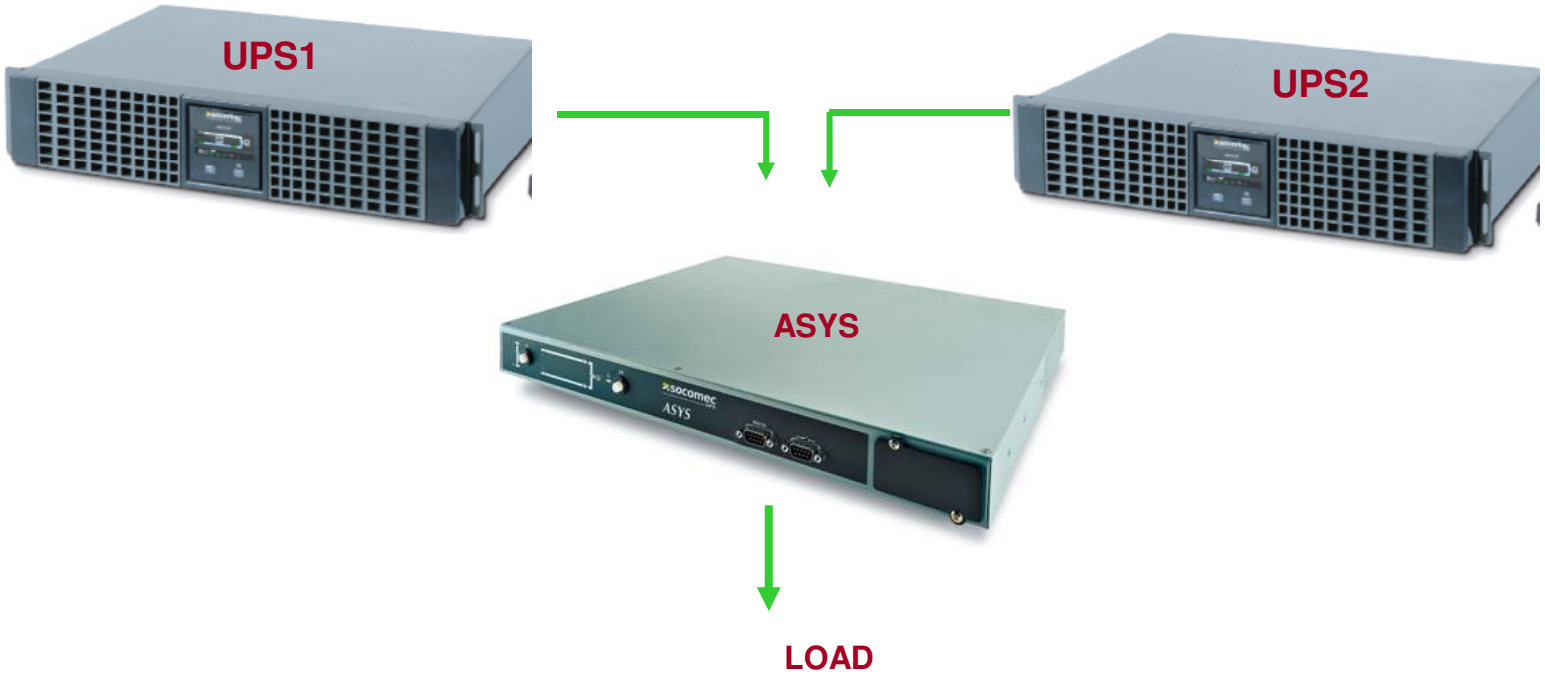
- Configuration available for 5, 7, 9, 11kVA
- Parallel module with manual bypass function
- Common battery possibility
- Can be racked, or installed as tower units
- Standard UPS & no expensive chassis



An easy and cost effective redundancy

Redundancy with ASYS:

create easily 2 independent power sources up to 3000VA



Comprehensive and multi-protocol supervision

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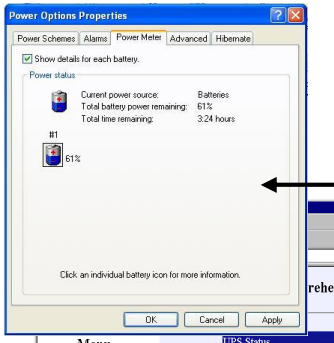
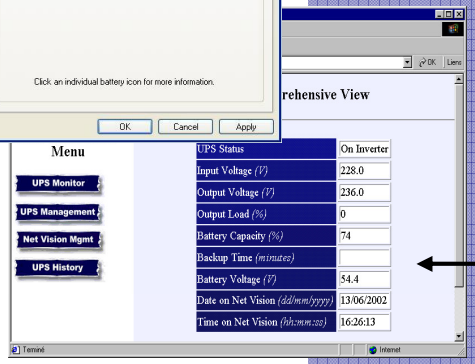
Local software supervision and point to point shutdown





Windows HID

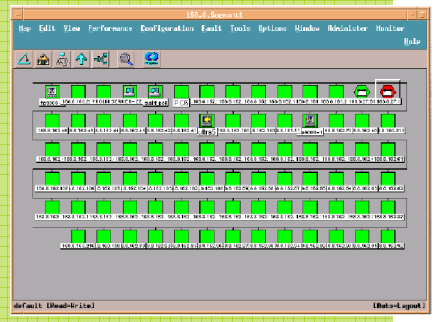
USB port

DB9 RS232 port

UniVision

Remote supervision via NMS based on SNMP protocol

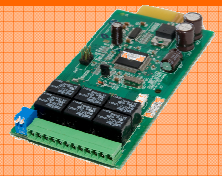
HP OpenView
IBM Netview



Built-in SNMP/WEB interface

Local electrical supervision

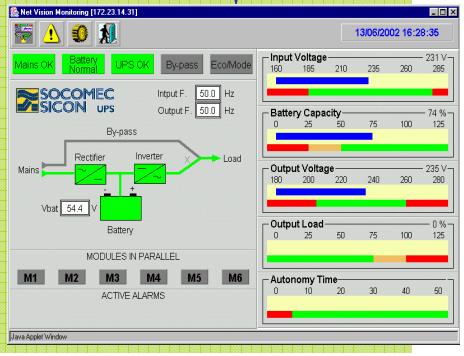
UPS control



Dry Contactsl card

6 programmable voltage free output contacts 1 A 24 V DC

DB9 port ModBus/ jbus



Building Management System

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Green Power UPS

- One of the first manufacturers to undertake an active approach to improving the energy efficiency of its UPS systems and based on 3 themes:

1. To reduce electrical infrastructure costs by improving output(96% efficiency), reducing equipment space, and better management and optimisation of the battery (energy saver);
2. To improve exploitation of the electrical infrastructure upstream and downstream by using a "clean" rectifier and equipment functioning that is adapted to leading loads (e.g. new gen. servers)→ more power.
3. To define "best practices" when designing and building the Data Centre, especially concerning airflow.

Therefore, High efficiency =Significant cost savings (TCO) & Environmental friendly.

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Q & A

The End

Thank you!

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