



## INDUSTRIAL AND TELECOM APPLICATION POWER SUPPLIES

|                   |  |
|-------------------|--|
| DC/DC CONVERTERS  | switchmode technology                                |
| AC/DC RECTIFIERS  | microprocessor managing and monitoring               |
| DC/AC INVERTERS   | building-block modules for PS systems of up to 100kW |
| AC/AC UPS MODULES |  |

## SPECIAL PURPOSE POWER SUPPLIES

- HIGH FREQUENCY PLASMA ARC POWER SOURCES
- CW AND PULSED LASER POWER SUPPLY
- EMERGENCY XENON FLASH LAMPS POWER SUPPLY

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## AC/DC Rectifiers - Industrial and Telecom Power Supplies



|                       | MAIA250-110       | PHACT2500-110      | ANTILA 600-48     | WASAT3500-48      |
|-----------------------|-------------------|--------------------|-------------------|-------------------|
| Output power          | 300 W             | 2500 W             | 600 W             | 3500 W            |
| Input voltage         | 160-275 V         | 160-275 V          | 160-275 V         | 160-275 V         |
| PFC                   | -                 | -                  | yes               | yes               |
| Power factor          | 0.9               | 0.9                | 0.99              | 0.99              |
| THD-input curr.       | <20%              | <20%               | <5%               | <5%               |
| Output voltage        | 24Vdc             | 110Vdc             | 48Vdc             | 48Vdc             |
| Output current        | 12A               | 23A                | 12A               | 60A               |
| Efficiency            | >88%              | >91%               | >92%              | >92%              |
| Static stability      | ±1%               | ±1%                | ±1%               | ±1%               |
| Dyn. stability        | 5%                | 5%                 | 5%                | 5%                |
| Vripple - 100kHz      | 30mVp-p           | 50mVp-p            | 30mVp-p           | 50mVp-p           |
| Spikes - 200MHz       | 100mVp-p          | 100mVp-p           | 100mVp-p          | 100mVp-p          |
| Psopohometric noise   | <20mVRMS          | <20mVRMS           | <1mVRMS           | <1mVRMS           |
| Insulation - I/C      | 2.1kV             | 2.1kV              | 2.1kV             | 2.1kV             |
| Insulation - O/C      | 2.1kV             | 2.1kV              | 2.1kV             | 2.1kV             |
| Insulation - I/O      | 4kV               | 4kV                | 4kV               | 4kV               |
| Dimensions            | 150x210x90mm      | 19", 2H, 280mm     | 90x150x200mm      | 19", 2H, 280mm    |
| Operating temperature | 0-45°C            | 0-45°C             | 0-45°C            | 0-45°C            |
| Cooling               | Fan               | Fan                | Fan               | Fan               |
| Processor control     | -                 | Yes                | Yes               | Yes               |
| PC managing           | -                 | Option             | Option            | Option            |
| Diagnostic display    | -                 | Yes                | -                 | Yes               |
| Parallel operation    | Yes               | Yes                | Yes               | Yes               |
| Order code            | U1Y301A220-24-MAA | U1Y252A220-110-PHT | U1Y601A220-48-ANT | U1Y352A220-48-WST |

All devices are equipped with microprocessor control unit and may be installed in a system with up to 32 units, with active load sharing and on-line diagnostics.

**Monitor and diagnostic unit for power supply systems is available for sale as a separate item.**