

UPS

ADIRA T 6-10kVA

The ADIRA T is currently the most compact online double conversion UPS system and can be used in the smallest space. It can be extended extremely flexibly in the autonomy time by external battery packs.

The current consumption is almost perfectly sinusoidal. Furthermore, the ADIRA T offers a power factor of 1.0.

With an efficiency of up to 95% in normal operation, it is one of the most effective and economical UPS systems on the market and thus ideally suited to save cash.



■ Rear view



ADIRA T / T XL rear view

Options for advanced communication and highest availability:

- SNMP / web or relay card for monitoring in network environments
- Additional battery modules to increase the autonomy time to several hours
- External manual bypass for scheduled UPS maintenance or UPS replacement without shutdown
- Special designs available for industrial applications (connections / special housings, etc.)

Characteristics

- UPS classification VFI-SS-111 according to IEC 62040-3
- VFI sine wave output can be switched to High Efficiency mode
- Battery remaining indicator on LCD display
- Extremely compact design
- UPS software for all common OS
- Incl. RS232 / USB and expansion slot
- Integrated Emergency Power Off (EPO)
- 24 months warranty

Special features

- Excellent power factor of 1.0
- Superior efficiency of up to 95% in normal operation
- Battery number can be set to 16 up to 20 pc. per battery string
- Low noise thanks to intelligent fan control
- Larger 12A charger for higher charging currents (XL)
- Dry-In / Dry-Out interface as standard
- Parallel redundant operation possible
- Multi-language LC display. English, German or Spanish as menu language selectable

Specifications

| Model | | ADIRA-T 6000 | ADIRA-T 10000 |
|--------------------------------|---|---|-----------------|
| Power | Power in VA | 6000/6000 | 10000/10000 |
| Autonomy time | With internal batteries in minutes | 12/25 | 6/13 |
| 100/50% load (cos. phi 0.7) | Higher autonomy times | As XL-model on request | |
| Technology | Online double conversion | VFI-SS-111 in accordance with IEC 62040-3 | |
| Phase | Input / Output | 1- phase / 1-phase | |
| Input | Nominal voltage configurable | 220/230/240VAC | |
| | Input voltage range | 160-276VAC | |
| | Input frequency range | 50/60Hz (Auto-Sensing) | |
| Output | Output voltage | 220/230/240VAC | |
| | Voltage regulation | ±1% | |
| | Frequency range | 50Hz / 60Hz ± 1Hz | |
| | Transfer time | none | |
| | Overload Capability (Line Mode) | < 125% for 10min., < 150% for 30sec. | |
| | Voltage form | sine wave | |
| | Normal mode | max. 95% | |
| Efficiency | ECO mode | max. 98% | |
| | | | |
| Battery | Type | Maintenance free lead-acid battery | |
| | Life time | 5 years, optional 10 years | |
| | Nominal DC-voltage | 240VDC | |
| | Charging current (max) | 4A Standard / 12A XL-version | |
| | Recharging time | ca. 3h to 90% capacity depending on the equipment | |
| Communication | Interface | RS232, USB, switch contacts, EPO, parallel port | |
| | Slot for further communication cards | Optional relays- or SNMP-card | |
| | Display | LCD Display and LED | |
| Dimensions / Weight | Dimensions UPS (HxWxD in mm) | 589 x 225 x 600 (XL-version: 348 x 225 x 600) | |
| | Dimensions of battery extension (H x W x D in mm) optional | 589 x 225 x 490 | |
| | Weight UPS (without batt. / XL) | 14 | 16 |
| | Weight UPS (Standard) | 68 | 70 |
| | Weight battery pack | 66 / 116 | |
| | Protection | IP20 | |
| Terminals | Input | Fixed connection on terminals | |
| | Output | Fixed connection on terminals | |
| Environmental conditions | Temperature | 0°C – 40°C, 20°C recommended | |
| | Humidity | 0-90 % RH @ 0- 40°C (non-condensing) | |
| | Acoustic Noise | 40 - 55dB(A)@1m | 45 - 60dB(A)@1m |
| Safety / Enclosure | Safety | EN 62040-1 | |
| | EMC | EN 62040-2 class C3 | |
| | Certifications | CE | |