

# 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 strand
- 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	<b>Nominal voltage configurable</b>	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	
	Efficiency	Normal mode	max. 95%
	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	
Communication	Recharging time	ca. 3h to 90% capacity depending on the equipment	
	Interface	RS232, USB, switch contacts, EPO, parallel port	
	Slot for further communication cards	Optional relays- or SNMP-card	
Dimensions / Weight	Display	LCD Display and LED	
	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	
Terminals	Protection	IP20	
	Input	Fixed connection on terminals	
Environmental conditions	Output	Fixed connection on terminals	
	Temperature	0°C – 40°C, 20°C recommended	
	Humidity	0-90 % RH @ 0- 40°C (non-condensing)	
Safety / Enclosure	Acoustic Noise	40 - 55dB(A)@1m	45 - 60dB(A)@1m
	Safety	EN 62040-1	
	EMC	EN 62040-2 class C3	
	Certifications	CE	