

Online double conversion

ADIRA RT 6-10 kVA

The ADIRA RT 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.

With its Racktower design, it can also be used in 19"-ca-binets as a plug-in device.

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

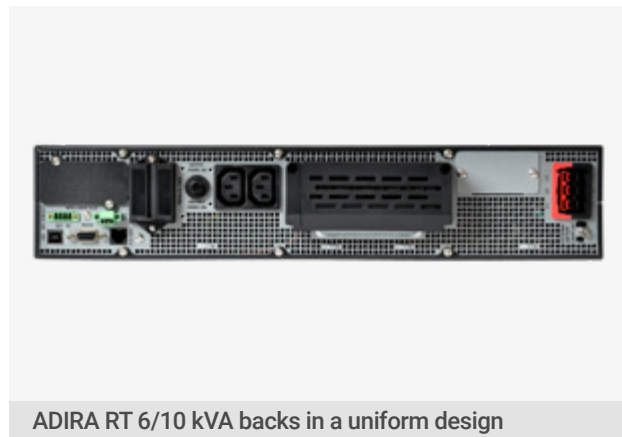
With an efficiency of up to 95% in normal operation, it is one of the most effective and economical UPS systems on the market and thus ideally suited to save cash.



Detail view



ADIRA RT 6/10 kVA for 19" cabinet installation



ADIRA RT 6/10 kVA backs in a uniform design

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)
- Rack Tower Design: Can be used as tower or 19"
- 24 months warranty

Special

- Excellent power factor of 1.0
- Superior efficiency of up to 95% in normal operation and up to 98% in ECO-mode
- 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

ADIRA RT		6000	10000
Power	Power in VA	6000/6000	10000/10000
	Autonomy time 100/50% load (cos. phi 0.7)	With internal batteries in minutes 12/25 Higher autonomy times As XL-model on request	6/13
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	220/230/240 VAC	
	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 / ECO mode	max. 95% / 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)	2U x 438 x 685	
	Dimensions of battery extension (H x W x D in mm) optional	3U x 438 x 625	
	Weight UPS (without batt.)	14 kg	16 kg
Terminals	Weight battery pack	62 kg	
	Protection	IP20 (optionally higher degrees of protection possible)	
Environmental conditions	Input	Fixed connection on terminals	
	Output	Fixed connection on terminals	
Safety / Enclosure	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	