

UPS

ADIRA T 0.7-3 kVA

The ADIRA T 0.7-3 kVA with its compact design can be used in even very limited space. The autonomy time can be extended extremely flexibly using external battery packs.

The ADIRA T 0.7-3 kVA has a power factor of 1.0. It can be perfectly integrated into your monitoring system thanks to the integrated RS232 and USB interfaces and an optional SNMP card (via the expansion slot).

The UPS has extensive setting options, such as password protection, wiring errors, overload alarm.



Detail views



Left ADIRA T 2-3 kVA
Right ADIRA T 0.7-1.5 kVA



Back sides from left to right:
0.7-1.5 kVA (incl. XL) / 2 kVA (incl. XL) / 3 kVA / 3 kVA XL

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
- Excellent power factor of 1.0
- Online double-converter with sine output switchable to ECO mode (line-interactive)
- User-friendly dot matrix LCD display
- Very high efficiency of up to 96% in normal operation
- Large input voltage window (160-300VAC)
- LCD display with support for 8 languages
- Low-noise thanks to intelligent fan control
- Larger charger for higher charging currents (XL)
- Operation in ambient temperature up to 45°C
- High overload capacity
- Integrated emergency-stop contact (RPO)
- Incl. RS232/USB and expansion slot
- UPS software for the common operating systems
- 36 months warranty

Specifications

ADIRA T Models		700 700 XL	1000 1000 XL	1500 1500 XL	2000 2000 XL	3000 3000 XL
Power	Nominal Power in VA	700/700	1000/1000	1500/1500	2000/2000	3000/3000
Autonomy time 100/50% load	Standard configuration in min.	10 / 24	6 / 15	3 / 9	6 / 16	3 / 10
	Higher autonomy times	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	220/230/240VAC				
	Input voltage range	160~300VAC				
	Input frequency range	45~55Hz/54~66Hz (Auto-Sensing)				
	Distortion (THDi)	<5%				
Output	Output voltage	220/230/240VAC				
	Voltage regulation	±1%				
	Frequency range	50/60 ± 0.2Hz				
	Transfer time	None				
	Overload Capability	100%~105%: continuous operation; 105%~125%: > 5min; 125%~150%: > 30s; >150%: > 500ms				
Efficiency	Normal mode	93%			96%	
	ECO mode	>99%				
Battery	Voltage	36VDC			72VDC	
	Capacity (Ah)	12V/9Ah	12V/9Ah	12V/9Ah	12V/9Ah	
	Type	Maintenance free lead-acid battery				
	Estimated life time	5 years, optional 10 years				
	Charging current (max)	1.5A / 8A (XL-Version)				
	Recharging time	to 90% in 3 hours typical / XL versions depending on battery configuration				
Communication	Interface	RS 232, USB (incl. USB HID function), relay contact, RPO				
	Slot for further communication cards	1 x for optional SNMP or relay card				
	Display	LCD display and LED indicators				
Dimensions / Weight	Dimensions UPS (HxWxD in mm)	220x145x404			318x192x428	
	Dimensions battery pack (HxWxD in mm) optional and XL-Versions	220x145x404			318x192x428	
	Weight UPS in kg incl. Batt.	14	14	14.3	26.0	26.4
	Weight UPS in kg XL-Version without Batteries	6.4	6.4	6.7	11.0	11.4
	Weight battery pack in kg with 1 / 2 battery strings	12/19			24/39	
Terminals	Protection	IP20				
	Input	IEC C14 (10A)	IEC C14 (10A)	IEC C20 (16A)	IEC C20 (16A)	IEC C20 (16A) XL: Klemmen
	Output	4 x IEC C13 (10A)	4 x IEC C13 (10A)	4 x IEC C13 (10A)	8 x IEC C13 (10A)	8 x IEC C13 (10A) + Klemmen (XL)
Environmental conditions	Temperature	0-40° C (@ 80% load up to 45° C)				
	Humidity	20~90% (not condensing)				
	Acoustic noise	<40dB (1m / @ typical load)			<45dB (1m / @ typical load)	
Protection/ Standards	Safety	IEC/EN62040-1, IEC/EN60950-1				
	EMC	IEC/EN62040-2 class C2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8				
	Certifications	CE				