

UPS

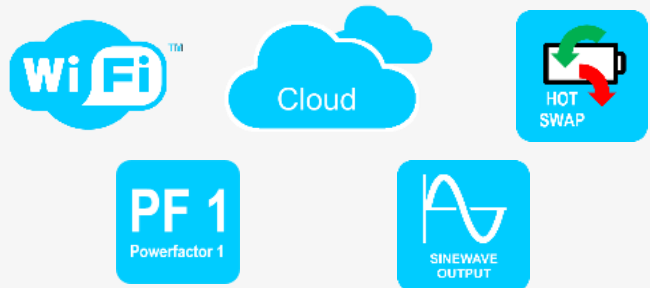


ADIRA RT 0.7-3kVA

The ADIRA RT 0.7-3 kVA with its compact design can also be used in very limited space. The autonomy time can be extended extremely flexibly using external battery packs. As a "rack tower" model, it can be set up both vertically and horizontally and is suitable for installation in 19" cabinets. The LCD display can be rotated by 90° for this purpose. The ADIRA RT 0.7-3 kVA has a power factor of 1.0.

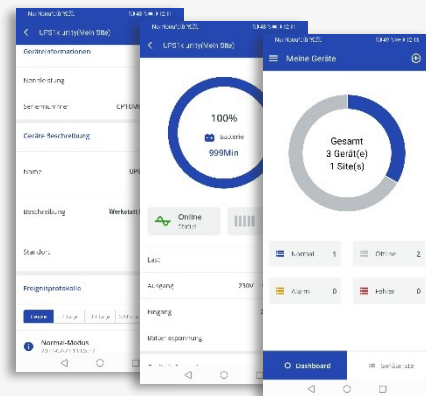


The UPS shows particular strength in communication. She is u.a. Equipped as standard with an Ethernet port to be connected to the cloud. Furthermore, the UPS can be monitored via WIFI with a mobile APP. The UPS has extensive setting options, such as password protection, wiring errors, overload alarm.



WiFi and APP support for convenient UPS monitoring:

- Easy access to UPS data and monitoring
- Intelligent alarm notification
- Remote battery tests / test settings
- Wireless firmware upgrade
- UPS failure statistics



Detail views



Rear view (from left to the right):
0.7-1.5kVA / 2kVA (incl. XL) / 3kVA / 3kVA XL

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)
- Programmable load segments/output sockets
- LCD display with support for 8 languages
- LCD display can be rotated 90° for device use as a tower or for 19" installation
- Low-noise thanks to intelligent fan control
- Larger charger for higher charging currents (XL)
- Integrated emergency-stop contact (EPO)
- Incl. RS232/USB and expansion slot
- Extensive app monitoring via WIFI
- UPS software for the common operating systems

Specifications

ADIRA RT 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)	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				
	Card Expansion Slot	1 x for optional SNMP or relay card				
	Display	LCD display and LED indicators				
	Special features	APP control via optional WIFI module RJ45 Ethernet port for direct cloud or local network connection				
Dimensions / Weight	Dimensions UPS (HxWxD in mm)	85.5(2U) x 438 x 445			85.5(2U) x 438 x 600	
	Dimensions battery pack (HxWxD in mm) optional and XL-Versions	85.5(2U) x 438 x 445			85.5(2U) x 438 x 600	
	Weight UPS in kg incl. Batt.	15,5	15,5	15,8	25,7	26,2
	Weight UPS in kg XL-Version without Batteries	8,0	8,0	8,2	10,6	11,0
	Weight battery pack in kg with 1/2 battery strings	15/23			25/40	
	Protection	IP20				
Terminals	Input	IEC (10A)			IEC (16A)	IEC (16A)
	Output	8 x IEC C13 (10A)			8 x IEC C13 (10A)	8 x IEC C13 (10A) 1 x IEC C20 (16A)
Environmental conditions	Temperature	0-40°C (@ 80% load up to 45°C)				
	Humidity	20~90% (non-condensing)				
	Acoustic noise	<45dB (1m / @ typical load)			<50dB (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				