

ADIRA 6-10 kVA

6kVA 1/1-phase
10kVA 1/1-phase

NEU / NEW

On-line double conversion 6, 10kVA 1/1-phase hardwired

The ADIRA is EFFEKTA®'s latest development in online double-conversion UPS.

With its compact design, it can be used on a very limited space. Its back-up time can be extremely flexible extended with external battery packs.

Due to the continuous development of our UPS technology the ADIRA offers you an improved sinus quality and a power factor of 0.9.

The usage of IGBT rectifiers reduces the distortion of dependent mains. The current drain is almost ideally sinusoidal.

Benefits:

- Huge input voltage range
- Power factor >0.9
- Parallel option for up to 4 UPSs
- Eco Mode (efficiency >96%)
- Low THD(i) even at partial load
- Frequency converter mode
- Relay contacts as standard



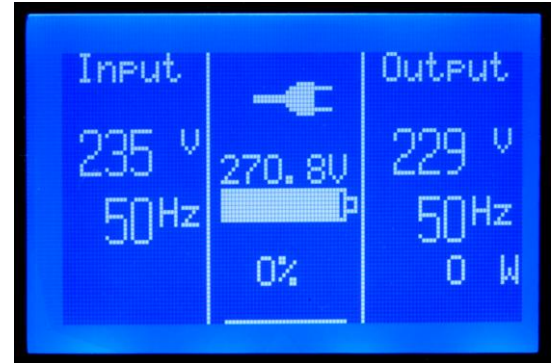
Features:

- UPS classification VFI-SS111 (IEC 62040-3)
- On-line double conversion
- PFC rectifier with IGBT technology
- High efficiency
- Sine wave output
- Digital signaling processor
- Clearly arranged LCD display
- Compact design
- USB interface as standard
- Relay contacts as standard
- Expansion Slot for SNMP card
- 12 month's warranty



Left: Left unit: Rear view of Adira 6 kVA 1/1 ph
Right unit: Adira 10kVA 1/1 ph (connection-terminal opened for demonstration purposes)

Bottom: The LCD display shows all important information for UPS operation.



Specifications

Model			ADIRA 6kVA 1/1ph	ADIRA 10kVA 1/1ph
Input	Acceptable Input Voltage		110VAC - 276VAC	
	Adjustable Bypass Voltage		110VAC - 276VAC	
	Phase		Single phase with ground	
	THDi		<5% with full load	
	Input Power Factor		≥ 0.99 (FULL RCD LOAD)	
	Input Frequency Range		45 – 55Hz / 54 – 66Hz	
	Generator Set		Yes / 1.5 x UPS Rating Power	
Output	Power	Power(kVA) max	6.0	10.0
		Power(kW) max	5.4	9.0
		Power Factor	0.9	
	Output Voltage	Waveform	Pure sine wave	
		Nominal voltage	208VAC / 220VAC / 230VAC / 240VAC	
		Voltage regulation	±1%	
		Transient recovery	100ms (IEC 62040-3 non-linear load)	
		Voltage distortion	<2% THD, linear load / <5% THD, non-linear load	
	Output Frequency	Synchronization range	45 – 55Hz / 54 – 66Hz (Adjustable)	
		Battery mode	50 / 60 ± 0.2Hz	
	Transfer Time	Among Line mode to battery mode	0ms	
		Inverter to bypass, ECO mode	0ms	
		ECO to Inverter mode	<10ms	
	Full Load Efficiency	Line mode with battery full charged	>89%	
		Battery mode @ 12Vdc/Battery	>84%	
		ECO mode	>95%	
Parallel option	Overload Capability (Line Mode)		105%~125% : 2min / 125%~150% : 30s / 150~170% : 100ms / >170% : 100ms	
	Overload Capability (Battery Mode)		105%~125% : 2min / 125%~150% : 30s / >150% : 100ms	
	Yes		Up to 4 UPSs	
Battery	Rating/Type (Sealed maintenance free lead acid batteries)		12VDC / 7Ah	12VDC / 9Ah
	Quantity		20	
	Back-up Time (full load)		Starting from 4 minutes / expandable	
	DC Voltage		273VDC	
	Charging time		<5h charge to 90%	<8h charge to 90%
	Charging current (max)		1.4A	1.4A
	Communication		USB, Dry Contacts, EPO	
Indicator & Alarm	Integrated		SNMP	
	Optional cards for intelligent slot		Yes / LCD	
	Display		Yes	
Mechanical	Acoustic		Yes	
	Dimensions (HxWxL)		708 x 260 x 550	
	Weight		80	84
	Operating Temperature Range		0°C ~ 40°C	
	Humidity		0 ~ 95% (No condensing)	
	Audible Noise		App. 52dB @ 1meter	
Regulations	Approvals		CE	
	EMC		DIN EN 62040-2	
	Safety		DIN EN 62040-1	
	Protection		IP20	