

ATROX 44 / 55

Indoor and Outdoor Power System for extreme environmental conditions



- IP44 or IP55 Protection class
- Output Power 350, 650, 1100 and 2000 Watts
- Vandal Resistance Rate IK10
- High flexibility through standard and customer specific configurations
- Wide operating temperature range of -40 °C to 74 °C suitable for the most extreme operating environments
- Temperature compensated battery charging protects batteries from overcharging at extreme temperatures, extending the life of the battery
- External communications via RS-232 port and Ethernet SNMP interface provides local or remote monitoring and control
- Pole- / Wall Mount (S) or Ground Mount (G)
- Active ventilation system (IP55 System)
- AC Output distribution on DIN Rail (IP55 System)

The ATROX 44 / 55 is a line of rugged UPS power systems used worldwide in the most demanding environments where clean backup power is needed, designed to perform in the most extreme demanding environments. Our ATROX 44 / 55 ensures that equipment in security, communications, traffic, industrial environments and many other critical applications remains safe and protected from power disturbances. Thanks to its powerful programmable battery charger, the ATROX 44 / 55 is capable of providing the runtime you need. Our ATROX 44 / 55 provides clean uninterrupted backup power in an all-in-one IP44 or IP55, keylocked and vandal resistant enclosure. The ATROX 44 / 55 comes along with cycle-proof, deep-discharge-proof and maintenance-free 10-12 years design life GEL batteries.

ATROX 44 / 55 Series

Technical Data

Model	ATROX 44 / 55 – 350	ATROX 44 / 55 – 650	ATROX 44 / 55 – 1100	ATROX 44 / 55 – 2000
Output Power (Watt)	350	650	1100	2000
Operating Temperature Range	-40 °C to 60 °C			
Temperature Warning	Design life is based on a temperature of 25 °C, Ambient temperature above this range will affect battery life			
Nominal Voltage Input	230 VAC			
Input Voltage Range	151 - 282 VAC without switching to battery operation	150 - 328 VAC without switching to battery operation	150 - 328 VAC without switching to battery operation	150 - 328 VAC without switching to battery operation
Input Current	2.7 A	4.5 A	8.0 A	12 A
Nominal Voltage Output	230 / 24 VAC	230 VAC		
Output Voltage Regulation	+ / - 10% over full input voltage range			
Typical Output Voltage (THDi)	< 3 %			
Battery String Voltage	24 VDC	24 VDC	48 VDC	48 VDC
Frequency	50 / 60 Hz (Output frequency = Input frequency)			
Typical Efficiency (normal mode)	> 96 %	> 98 %		
Waveform	pure sinus wave			
Max. Charge Current (adjustable)	6 A	3, 6, 10 A	3, 6, 10 und 11 bis 15 A*	
Connections	dry contacts, RS232, RJ45			
SNMP Interface	YES			

* Note: charge current > 10 A will affect output power capacity (i.e. 1625W maximal load for Atrax 44 / 55 – 2000 at 15 A charge current)

Dimensions & properties

Dimensions mm (HxWxD)	Pole / Wall (S): 724 x 685 x 501 Ground (G): 689 x 685 x 460			
Weight S/G kg (without batteries)	48 / 43	49 / 44	54 / 49	56 / 51
IP Class	IP44 or IP55 (selectable)			
Vandal Resistance Rate (1-10)	IK10			
Batteries (selectable)	up to 4 x 12V / 55 Ah batteries inside cabinet			
Keylock	yes			
Mounting	Pole-/ Wall Mounting Kit (S) or Ground Mounting Kit (G) included			

Standard functions

Automatic Voltage Regulation (AVR) & Automatic frequency sensing (50 Hz / 60 Hz)
RS-232 serial port & internal SNMP Interface
Active ventilation system (IP55 System)
Emergency Power Off (E.P.O.) input
Variable internal speed fan (power module) with fan failure alarm
Circuit breaker protection on the input and external battery disconnect
Generator-ready for extended runtime option
Three user inputs: self test, alarm, shutdown

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