

# Power

## ATROX 55

IP55 Power System for Harsh Indoor and Outdoor Environments



Atrox 55-650 incl. optional UATS and Thermostate

- **NEW: 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 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 optional Ethernet SNMP interface (standard for ATROX 55-350) provides local or remote monitoring and control
- Pole-/Wall Mount Kit (S) or Ground Mount Kit (G) inclusive
- Active ventilation system
- AC Output distribution on DIN Rail

Alpha ATROX 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, Alpha ATROX 55 ensure 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 55 is capable of providing the runtime you need. Alpha ATROX 55 provides clean uninterrupted backup power in a compact all-in-one IP55, keylocked and vandal resistant enclosure. ATROX 55 comes along with cycle-proof, deep-discharge-proof and maintenance-free 10-12 years design life GEL batteries.

## Alpha ATROX 55 range



Nominal & General Specifications				
Model	ATROX 55-350	ATROX 55-650	ATROX 55-1100	ATROX 55-2000
Output Power (Watt)	350	650	1100	2000
Operating Temperature Range	-40 to 74°C			
Nominal Voltage Input	230VAC			
Input Voltage Range	151 - 282VAC	150 - 328VAC without going to batteries		
Input Current	2.7A	4.5A	8.0A	12A
Nominal Voltage Output	230 / 24VAC	230VAC		
Output Voltage Regulation	+/- 10% over full input voltage range			
Typical Output Voltage (THD)	<3%			
Battery String Voltage	24VDC		48VDC	
Frequency	60/50Hz (Output frequency = Input frequency)			
Typical Efficiency (normal mode)	>96%		>98%	
Waveform	Pure Sine Wave			
Max. Charge Current (adjustable)	6A	3, 6, 10A	3, 6, 10 and 11 to 15A*	
Connections	Dry Contacts, RS232, RJ45			
SNMP Interface	standard	optional		
UPS Monitoring Software	included			
UPS Management Software	optional with SNMP			

\* Note: charge current >10A will affect output power capacity (i.e. 1625W maximal load for AtrOX 55-2000 at 15A charge current)

Mechanical				
Model	ATROX 55-350	ATROX 55-650	ATROX 55-1100	ATROX 55-2000
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	IP 55			
Vandal Resistance Rate (1-10)	IK10			
Batteries (selectable)	up to 4 x 12V/55Ah batteries inside cabinet			
Keylock	yes			
Mounting	Pole-/Wall Mounting Kit (S) or Ground Mounting Kit (G) included			

Standard Features
Automatic Voltage Regulation (AVR)
Automatic frequency sensing (60Hz/50Hz)
RS-232 serial port (AtrOX 55-350: USB) Optional internal SNMP Interface (AtrOX 55-350: standard)
User Software: user friendly Windows based GUI
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 cut
Generator-ready for extended runtime option
Three user inputs: self test, alarm, shutdown
24 months warranty
Active ventilation system (230VAC)



AtrOX 55-650 incl. optional UATS and Thermostat

For contact information please visit [www.alphatechnologies.com](http://www.alphatechnologies.com)

The Alpha Group >

North America	Europe, Middle East & Africa			Asia Pacific	Latin & South America
USA Tel: +1 360 647 2360 Fax: +1 360 671 4936	Cyprus Tel: +357 25 375 675 Fax: +357 52 359 595	Germany Tel: +49 9122 79889 0 Fax: +49 9122 79889 21	Baltics Tel: +48 606 158 303 Tel: +370 655 29962	P.R. China Tel: +852 2736 8663 Fax: +852 2199 7988	Contact USA office
Canada Tel: +1 604 430 1476 Fax: +1 604 430 8908	Russia Tel: +48 606 158 303 Tel: +370 655 29962	United Kingdom Tel: +44 1279 501110 Fax: +44 1279 659870	Turkey Tel: +90 536 227 42 01 Fax: +90 216 370 23 68		

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