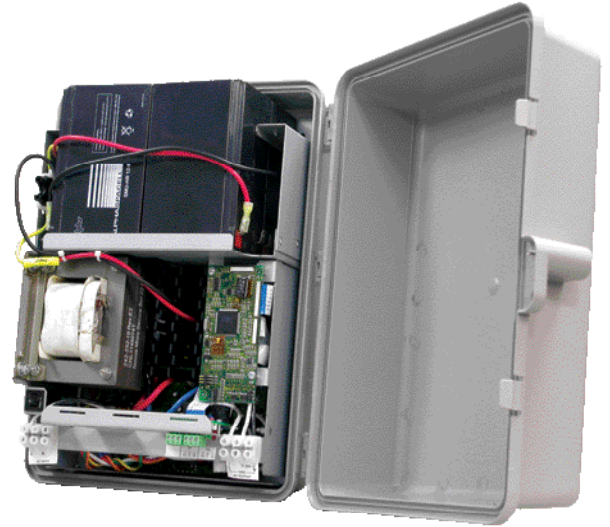


POWER

Novus Micro Secure 100

Indoor & Outdoor UPS



- > Durable outdoor NEMA 3R rated plastic enclosure protects the Novus Micro Secure 100 from severe weather
- > Wide range Automatic Voltage Regulation without going to batteries protects and extends battery life, even during periods of surge or sag in voltage from utility power
- > External communications via RS-232 port or (optional) SNMP Ethernet interface provides local or remote monitoring and control
- > Two independently programmable and report relays allow tracking and/or controlling of key functions
- > A wide operating temperature range of -40 to 50°C (-40 to 122°F) is suitable for the most extreme operating environments

The Novus Micro Secure 100 provides constant, reliable backup power for such applications as Security Cameras, Surveillance Systems, Small Key Systems, WiFi equipment and Outdoor Lighting. It comes in a NEMA 3R rated outdoor plastic enclosure for severe weather conditions. It can be wall mounted or pole mounted¹ to allow positioning close to the load. The Automatic Voltage Regulator (AVR) provides power stability in unpredictable environments and constant voltage during varied power conditions. The Novus Micro Secure is available in either North American (120V/60Hz) or International (230V/50Hz) variants.

¹Mounting brackets sold separately



Novus Micro Secure 100

Nominal Specifications

| Power Module | Novus Micro Secure 100 | |
|------------------------|--------------------------------|----------------|
| | North America | International |
| Nominal Voltage | 120VAC | 230VAC |
| Nominal Frequency | 60/50Hz Auto | 60/50Hz Auto |
| Input Current | 2A | 1A |
| Output Current | 4.2A @ 24VAC 0.83A @ 120VAC | 0.43A @ 230VAC |
| Output Power | 100W/VA | 100W/VA |
| Battery String Voltage | 24VDC | 24VDC |

Standard Features

Durable Outdoor NEMA 3R enclosure
Wide range Automatic Voltage Regulation
Communications via RS-232 port or (optional) SNMP Ethernet interface

General Specifications

Performance

| | |
|--|-------------|
| Input Voltage Range North America | 85 to 150V |
| Input Voltage Range International | 154 to 323V |
| Output Voltage Range North America | 108 to 132V |
| Output Voltage Range International | 207 to 253V |
| Voltage Waveform | Sine wave |
| Typical Efficiency (full resistive load) | >85% |
| Total Harmonic Distortion | <3% |
| Typical Transfer Time | 3 to 5ms |
| Audible Noise @ 1m | <40dBA |

Agency Compliance

Electrical Safety: UL1778, CSA 22.2 No. 107.1

Marks: ^cCSA_{US}

EMI: Class A FCC/CISPR

Mechanical Specifications

| | |
|----------------|---|
| Width (in/mm) | 12/305 |
| Height (in/mm) | 15/381 |
| Depth (in/mm) | 6/153 |
| Weight (lb/kg) | 25/11.3 without batteries 50/22.7 with 4 batteries |

Environmental Specifications

| | |
|-----------------------|----------------------------|
| Operating Temperature | -40 to 50°C (-40 to 122°F) |
| Storage Temperature | -40 to 75°C (-40 to 168°F) |
| Operating Altitude | 12,000ft |
| Operating Humidity | Up to 95% non-condensing |

Battery Runtimes (hh:mm)*

| | 4 x 9Ah |
|------|---------|
| 25W | 7:11 |
| 50W | 6:25 |
| 75W | 3:55 |
| 100W | 2:35 |

* Battery runtime may vary according to type of load, age of batteries, operating temperature and other related factors.

The Novus Micro Secure comes standard with 4 x 9Ah batteries.

For more information visit www.alpha.com

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