



an EnerSys® company

Alpha® Micro 350

Rugged UPS System



- Compact, integrated UPS system designed to operate in extreme environments and provide maximum flexibility while ensuring critical loads remain protected and running during power outages and other power disturbances
- Up to 11 hours backup time at full load (350W) for extended system continuity
- NEMA 3R rated enclosure for superior performance in outdoor applications
- Unsurpassed flexibility with dual outputs 120/24VAC or 230/24VAC
- Wide range Automatic Voltage Regulation (AVR) lengthens battery life by providing protection without transferring to backup mode during voltage surge or sag
- Local and remote monitoring and control via USB port and Ethernet SNMP interface
- Temperature compensated battery charging automatically adjusts charge voltage extending the life of the battery

The Alpha® Micro 350 is part of the Alpha® Micro Series. Products of the Micro Series are rugged compact all-in-one UPS solutions used worldwide where clean backup power is needed.

Designed to perform in the most extreme demanding environments, Alpha® Micro units ensure equipment in security, communications, public utilities, industrial environments, and many other critical applications remain safe and protected from power disturbances. The Alpha® Micro Series gives you the flexibility to grow its enclosure by adding batteries for greater runtime. The system is available in either North American (120VAC/60Hz) or International (230VAC/50Hz) variants.






Alpha Micro 350 Rugged UPS System

Consult your sales representative for P/N configurations

| 120VAC Model | |
|--|--|
| Battery String Voltage: | 48VDC or 24VDC |
| Input | |
| Nominal Voltage: | 120VAC |
| Voltage Range: (w/o transferring to battery mode) | 88 to 152VAC |
| Current: (@ nominal voltage & max battery charging current) | Micro 350: 6.16/5.76A Micro 350XL: 6.12/6.22A Micro 350XL3: 7.54/7.2A |
| Frequency: | 60/50Hz ±5% (auto-detection) |
| Output | |
| Waveform: | Pure sinewave |
| Nominal Voltage: | Dual 120VAC, 24VAC |
| Voltage Regulation: | ±10% online mode ±2% on inverter mode |
| Power at 50°C: | 350W/VA Total 24VAC: 260W/VA (max) 120VAC: 350W/VA (max) |
| Frequency: | Output frequency = Input frequency |

| 230VAC Model | |
|--|--|
| Battery String Voltage | 24VDC |
| Input | |
| Nominal Voltage: | 230VAC |
| Voltage Range: (w/o transferring to battery mode) | 151 to 282VAC |
| Current: | Micro 350: 2.94A Micro 350XL: 3.2A Micro 350XL3: 3.7A |
| Frequency: | 60/50Hz ±5% (auto-detection) |
| Output | |
| Waveform: | Pure sinewave |
| Nominal Voltage: | 230VAC, 24VAC |
| Voltage Regulation: | ±10% online mode ±2% on inverter mode |
| Power at 50°C: | 350W/VA Total 24VAC: 260VA (max) 230VAC: 350VA (max) |
| Frequency: | Output frequency = Input frequency |

| Communication Interface | |
|-------------------------|--|
| Display: | 2 x 20 backlit alpha-numeric LCD |
| Ports: | USB-B Female: Local Communication RJ45: Remote Communication RJ11: Battery Temperature Compensation |
| Indicators: | Solid Green: Line Mode Flashing Green: Inverter Mode Flashing Red: Alarm Solid Red: Fault |
| Dry Contacts: | 2 x Programmable NO/NC (250VAC, 1A), 2 user inputs |

| Factory Default: | <ul style="list-style-type: none"> • C1: On Battery • C2: Low Battery • S1: Self Test • S2: User Input |
|---|---|
| Optional Signals Assembly: | Filler Panel or 3 x Programmable NO/NC (250VAC, 1A), 2 user inputs |
| Mechanical | |
|  | Alpha Micro |
| | Dimensions: mm: 500H x 358W x 294D inches: 19.7H x 14.1W x 11.6D Weight (w/o batteries): 25kg (56lbs) |
|  | Alpha Micro XL |
| | Dimensions: mm: 776H x 358W x 294D inches: 30.6H x 14.1W x 11.6D Weight (w/o batteries): 29kg (65lbs) |
|  | Alpha Micro XL3 |
| | Dimensions: mm: 1330H x 358W x 294D inches: 52.4H x 14.1W x 11.6D Weight (w/o batteries): 33kg (74lbs) |
| Environmental | |
| Operating Temp Range*: | -40 to 74°C (-40 to 165°F) |
| Humidity: | Up to 95% (non condensing) |
| Altitude (m/ft): | Up to 3700 (12,000)** |
| Audible noise @ 25°C: | 45dBa @ 1 meter (39in) |
| BTU/Hr: | Normal mode 9W/30.7BTU/hr Backup mode 110W/675 BTU/hr |
| *Derates after 50°C (122°F) **Derates 2°C per 300m (1000ft) above 1400m (4500ft) | |
| Performance | |
| Typical Output Voltage THD: | <3% |
| Typical Efficiency Line Mode: | >96% (resistive load) |
| Typical Transfer Time: | <5ms |
| Lead Crest Factor: | 3:1 (load dependent) |
| Agency Compliance | |
| Electrical Safety: | UL 1778, CAN/CSA-C22.2 No. 107.3, EN 62040-1** |
| Marks: |   |
| EMC: | CFR Title 47 FCC Part 15 – Class A, ICES-003 – Class A, EN 62040-2 – UPS Category C2** |
| **Applies to 230VAC version only | |



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