SITEFLEX® MicroE1000
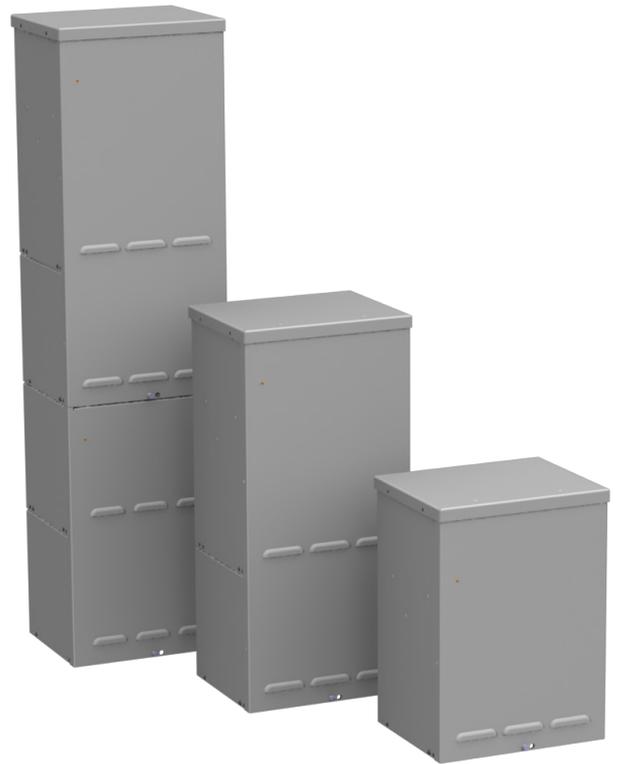## OUTDOOR UPS SOLUTION

EnerSys®
Power/Full Solutions

◉ OVERVIEW

Micro Solution is part of the 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 Micro Series gives you the flexibility to grow its enclosure by adding batteries for greater runtime.

Product features

- Compact, integrated UPS system provides clean, uninterruptable backup power
- Wide range Automatic Voltage Regulation without going to batteries extends battery life, even during periods of surge or sag in voltage from utility power
- External communications via RS-232 port or (optional)
- Ethernet SNMP interface provides local or remote monitoring control
- Independently programmable control and report relays allow tracking and controlling of key functions
- Event and alarm logging with time and date stamping simplifies and accelerates troubleshooting
- A wide operating temperature range of -40 to 74°C (-40 to 165°F)* is suitable for the most extreme operating environments
- Temperature compensated battery charging protects

ENCLOSURE DESIGN
- Material: Marine – grade aluminum
- Finish: Polyester powder coating for outdoor use
- Finish color: RAL 7035

THERMAL MANAGEMENT
- Microprocessor controlled fan for UPS unit
- Optional heater

ELECTRICAL
Input
- Battery String Voltage: 48VDC
- Voltage Range: 150 – 328 VAC
- Current:
  - Micro1000 – 7.44A
  - Micro1000Xl – 7.68A
  - Micro 1000XL3 – 8.16A
- Frequency: 50Hz +/- 5%

Output
- Nominal Voltage: 230VAC
- Voltage Regulation: ±10% online mode ±2% on inverter mode
- Power at 50°C: 1000W/VA/VA Total

Performance
- Run time*: 4 x 18Ah batteries - 28 mins
  *Run time on battery power can vary based on loads, temperature, and battery. Other battery options are available.

MECHANICAL
- 4 x cable inlet from bottom through grommet
- Door could secure by padlock (not included)
- Mounting on the pole or on pedestal (KIT)

ENVIRONMENT
- Operation temp: -40°C to 74°C
- Humidity: 15% – 95%
- Audio Noise @25°C: 45d @ 1 meter

ALARMS
- Overload Alarm
- Fan Alarm
- Battery Test Alarm
- Battery Temp High Alarm
- Battery Temp Low Alarm
- Temperature Probe Unplug Alarm
- User Input Alarm
- Battery Breakers Open Alarm
- Weak Battery Alarm
- Invalid Software Alarm
- Dry contact alarms

STANDARDS AND CERTIFICATION
- The product is CE marked
- Product safety acc. to EN 62040-1
- Electromagnetic compatibility acc. to EN 62040-2
- Environmental protection IP22 acc. to EN 60529
- The product is RoHS compliant acc. to EU directive 2011/65/EU
- The product is WEEE compliant acc. to EU directive 2012/19/EU

PART NUMBER
- 2000005715 IND/TEL, OUT, UPS,230V,48V, MICRO1000
- 2000005716 IND/TEL, OUT, UPS,230V,48V, MICRO1000XL
- 2000005714 KIT, XL3, MICRO350XL, MICRO1000XL

DIMENSIONS

	Alpha Micro	Alpha Micro XL	Alpha Micro XL3
Height	500mm	776 mm	1330mm
Width	358mm	358mm	358mm
Depth	294mm	294mm	294mm
Weight	16kg	21kg	28kg