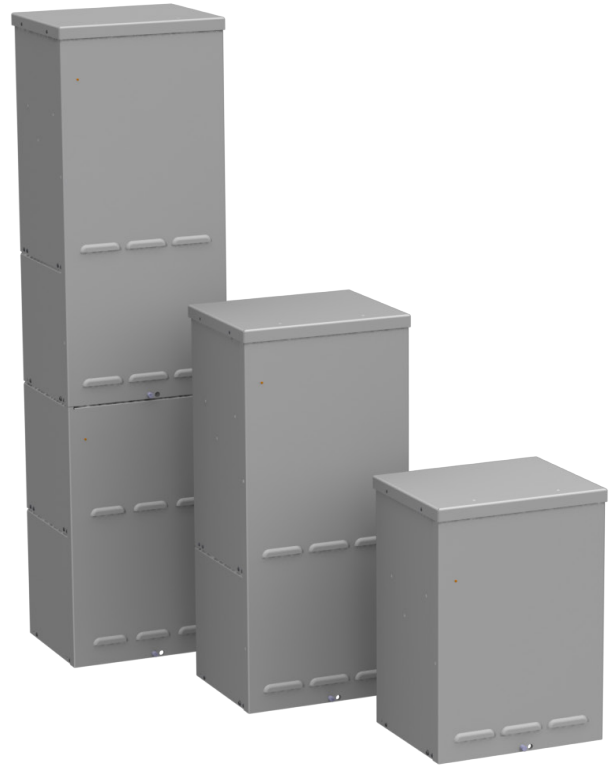# SITEFLEX® MicroE350
OUTDOOR UPS SOLUTION

OVERVIEW

Micro Solution 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.

Product features

- 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
- Unsurpassed flexibility with dual 120Vac & 24Vac outputs
- 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

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: 24VDC
- Voltage Range: 151 – 282 VAC
- Current:
  - Micro350 – 2,94A
  - Micro350Xl – 3,2A
  - Micro 350XL3 – 3,7A
- Frequency: 60/50Hz +/- 5%

Output
- Waveform: Pure sinewave
- Nominal Voltage: 230VAC
- Voltage Regulation: ±10% online mode ±2% on inverter mode
- Power at 50°C: 350W/VA Total
- Frequency: Output frequency = Input frequency

Performance
- Typical output voltage THD ....<3%
- Typical efficiency ....>96%
- Typical transfer time ....<5ms

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: 0 – 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
- 2000005712 IND/TEL,OUT,UPS,230V,48V,MICRO350
- 2000005713 IND/TEL,OUT,UPS,230V,48V,MICRO350XL
- 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	14kg	19kg	25kg