

Micro 350

Rugged UPS System



Micro 350
with batteries shown

- > 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 120Vac & 24Vac outputs, and multiple DC output options: 12Vdc, 24Vdc, 48Vdc*
- > 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 protects batteries from overcharging at extreme temperatures, extending the life of the battery

The Micro 350 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, 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. All models of the Micro Series are available in 120Vac and 230Vac.

*Output DC power requires the optional Distribution Panel

Micro 350 Rugged Outdoor UPS System

Consult your representative for P/N configurations

Electrical

>120Vac Model

Battery string voltage: 48Vdc or 24Vdc

Input:

Nominal voltage: 120Vac

Voltage range (without transferring to battery mode): 88 to 152Vac

Current:

Micro 350: 5.7A

Micro 350XL: 6.2A

Micro 350XL3: 7.2A

Frequency: 60/50Hz ±5% (auto-detection)

Output:

Waveform: Pure sinewave

Nominal voltage: Dual 120Vac, 24Vac

Voltage regulation: ±10%

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 (without transferring to battery mode): 151 to 282Vac

Current:

Micro 350: 2.7A

Micro 350XL: 3.2A

Micro 350XL3: 3.6A

Frequency: 60/50Hz ±5% (auto-detection)

Output:

Waveform: Pure sinewave

Nominal voltage: 230Vac, 24Vac

Voltage regulation: ±10%




Power at 50°C: 350W/VA Total

24Vac: 260VA (max)

230Vac: 350VA (max)

Frequency: Output frequency = Input frequency

Mechanical

	>Micro		
	Dimensions	mm	500H x 358W x 294D
		inches	19.7H x 14.1W x 11.6D
Weight (without batteries)		25kg (56lbs)	
	>Micro XL		
	Dimensions	mm	776H x 358W x 294D
		inches	30.6H x 14.1W x 11.6D
Weight (without batteries)		29kg (65lbs)	
	>Micro XL3		
	Dimensions	mm	1330H x 358W x 294D
		inches	52.4H x 14.1W x 11.6D
Weight (without batteries)		33kg (74lbs)	

Environmental

Operating temperature range: -40 to 74 °C (-40 to 165 °F)

Audible noise @ 25°C <45dBa @ 1 meter (39in)

Performance

Typical output voltage THD <3%

Typical efficiency >96%

Typical transfer time <5ms

Agency Compliance

Electrical safety: UL1778 4th Edition, CSA C22.2 No. 107.3, EN60950-1, EN62040-1-2

Marks:   (230Vac only)

EMI: FCC Part 15/B, EN55022. Class A. EN62040-2