

MicroMax<sup>®</sup> GPS360 Current Interrupter

## Power Through 60 Hours of Interruption with an Integrated Battery and Relay

Throw the GPS360 in your truck and you'll be able to interrupt any facility on your route, even bonds and other facilities that don't have a power source.



*Weighing in around three pounds, the GPS360 is easy to carry and, like all of our other MicroMax products, it's ruggedized so you don't have to worry about damage if it gets bounced around, rained on, or dropped. Key benefits are listed below; for the full list and to request more information, visit [go.aiworldwide.com/GPS360](http://go.aiworldwide.com/GPS360).*

- **Convenience** – The GPS360 weighs around three pounds and is one-fifth the size of competing models with similar features, making it easy to transport. It fits inside most rectifier cabinets and, with an integrated keypad and LCD screen, it's easy to use too. Just program it directly or choose from one of the nine interruption programs you can build into the unit, and you're ready to go.
- **Flexibility** – With the GPS360, you have options. In cases where you need more than 60 hours of interruption, you can connect it to an external power source. It also offers a flexible interruption schedule that lets you interrupt in continuous, daily, dated, and interference modes with interruption on/off cycles up to 999.9 seconds on 0.1 second increments.
- **Reliability** – The GPS360 includes a normally closed solid-state relay that provides continuous CP even if the interrupter loses power. Surge events aren't a problem either, since the GPS360 comes with an optically driven relay that protects it from surge damage. In the case of a power loss, it will automatically continue its interruption program once power is restored. And its GPS synchronization features means that your survey won't be affected by temporary GPS signal loss.

# MicroMax GPS360 Current Interrupter

## Specifications

Input power	10-60V DC   8-42V AC
GPS	Supports GPS synchronization
Interruption schedule	Range: 0.1 - 999.9s   Increments: 100 mS
Auxillary relay drive capacity	0.5A
Operating temperature	-30° C to +70° C
Programmable schedules	9 programmable schedules   start phase: on/off
Display and enclosure	LCD display   fully waterproof case   transparent cover
Dimensions	8.0" x 4.5" x 4" (with magnets attached)
Weight	3 lbs. 1 oz. (1.39 kg)
Integrated solid-state relay	Load current: See derating table below Load voltage: 100V peak DC   70V peak AC
Integrated battery	Operating time: 60 hours   Charging time: 8 hours (USB, 12V DC)   Charging suspension temperature: -10° C

## Derating Table

Ambient Temperature		Maximum Current (A)	
<i>Celsius</i>	<i>Fahrenheit</i>	<i>Setup 1</i>	<i>Setup 2</i>
25° C	77° F	83	100
35° C	95° F	76	100
45° C	113° F	66	90
55° C	131° F	56	80
65° C	149° F	42	65

**Setup 1** – GPS360 magnets **installed**; not in contact with rectifier cabinet; any interruption cycle.

**Setup 2** – GPS360 magnets **removed**; with heatsink surface in good contact with rectifier cabinet; any interruption cycle.

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