



# 4-Amp Power Supply and Battery Backup



## **MICRO/5 MICROCONTROLLERS POWER SUPPLY AND BATTERY BACKUP**

The 4-Amp Power Supply and Battery Backup provides a CASI microcontroller with continuous operating power should AC power fail. This means a Micro/5 will continue to make access control decisions, run schedules, store history records and otherwise operate normally during a power outage.

The power supply will provide power for a Micro/5 configured with up to eight Proximity Perfect™ readers plus either two 20-DI, 16-DO or 16-DOR Micro/5 options.

The power supply is compatible with the full range of Micro/5 microcontrollers, including Micro/5-E, Micro/5-P, Micro/5-PX and Micro/5-PXN.

The electronics are enclosed in an all-steel, wall mountable enclosure that has a hinged and key lock-protected door. The electronics consists of:

- an AC power step-down transformer
- power supply board
- battery cables
- 12V-7.0 amp hour, sealed gel-cell battery.

The convection-cooled enclosure houses the transformer, electronics and battery.

The power supply and battery backup enclosure has knockout plugs on three sides for attaching AC power conduit or cable.

## **MOUNTING CONFIGURATIONS**

The 4-Amp Power Supply and Battery Backup can be mounted either vertically or horizontally. Mounting hardware is installer-supplied. As with any power system component, the unit must be protected from water, ice and snow.

## **WIRING**

Site AC power connects to two transformer leads while Micro/5 power is supplied from terminal strips mounted to the electronics assembly. A cabinet ground is recommended.

## **FEATURES**

- Provide main, standby or auxiliary power
- Power for a Micro/5 with 8 readers
- 4 amp continuous current draw
- Fault status reporting
- In-cabinet battery backup storage (7Ah gel-cell battery)
- Fault relay
- 110V/60hz and 230V/50hz models available

## TECHNICAL SPECIFICATIONS

### Output Characteristics

Output Voltage	12 VDC
Output Current	4 amps, continuous
Ripple (RMS)	.14VAC @ 4A

### Fault Conditions Detected

AC Fuse	Yes
Battery Fuse	Yes
Low Battery/Output	Yes

### Visual Indicators (LED's)

AC	Green
Common Fault	Yellow

### Fault Reporting

Voltage Out	Yes
Visual	Yes
Relay	Yes

### Common Characteristics

Reverse Polarity Protect	Yes
Thermal Protection	Yes
Battery Fuse	Yes
AC Wiring	2 conductors plus ground

## MECHANICAL SPECIFICATIONS

### Cabinet

Color	Beige
Construction	18 gauge steel
Height	11 inches (28 cm)
Width	15 inches (38 cm)
Depth	4 inches (11 cm)
Weight	18 lbs. (8.2kg)

### Battery Space

Height	4.5 inches (12 cm)
Width	14.5 inches (37 cm)
Depth	4 inches (10 cm)

### Power Requirements

120 VAC	140 VA
230 VAC	140 VA

## ORDERING NUMBERS

Power Supply and Battery Backup, 4 amp, 110 VAC, 7AH gel-cell battery. Not UL listed.	300309001
Power Supply and Battery Backup, 4 amp, 230 VAC, 7AH gel-cell battery. Not UL listed.	300309002

## CUSTOMER SUPPORT

GE Interlogix and their CASI Business Partner Network offer a full range of support services including site surveys, installation supervision and training. Emergency support is available 24 hours a day, seven days a week.

## FOR MORE INFORMATION

Please contact the authorized CASI Business Partner listed below to see how the 4-Amp Power Supply and Battery Backup can meet your specific requirements.



**GE Interlogix**