

ACS-2000

UL LISTED ACCESS CONTROL POWER SUPPLY

High output provides greater flexibility and cost savings in access control installations.

FEATURES

- Selectable 12VDC or 24VDC output
- 2.5 amps continuous supply output current
- Filtered and electronically regulated output
- Battery charging circuit for lead acid or gel type back-up with zero voltage drop
- Short circuit and thermal overload protection
- Automatic transfer to battery back-up zero voltage drop
- AC input and DC output LED indicators
- AC failure supervision (form C contact rated at 1A @30VDC)
- Low/missing battery supervision (form C contact, 1A @30VDC)
- Mounting studs for 4-channel (ACS-2000-4) or 8-channel (ACS-2000-8) distribution board



HOW TO ORDER

- **ACS-2000**
2.5A, 12/24VDC UL Listed Access Control Power Supply
- **ACS-2000-4**
4-channel distribution board with PTC fuse protected individual outputs
- **ACS-2000-8**
8-channel distribution board with PTC fuse protected individual outputs

DESCRIPTION

The ACS-2000 provides a robust 2.5 amps of power for access control or universal power, selectable for either 12VDC or 24VDC, yet typically costs less than competitive products providing less than half as much power. In access control installations, one ACS-2000 may be sufficient to power numerous devices for several doors that might otherwise require multiple power supplies. A battery back-up charging circuit for lead acid or gel type batteries (not included) allows automatic transfer to back-up power upon AC failure with zero voltage drop. AC fail and battery supervision are also provided and an AC line cord included.

The ACS-2000 includes mounting studs for a 4-channel (ACS-2000-4) or 8-channel (ACS-2000-8) distribution board to provide individually fuse protected channels.

SPECIFICATIONS

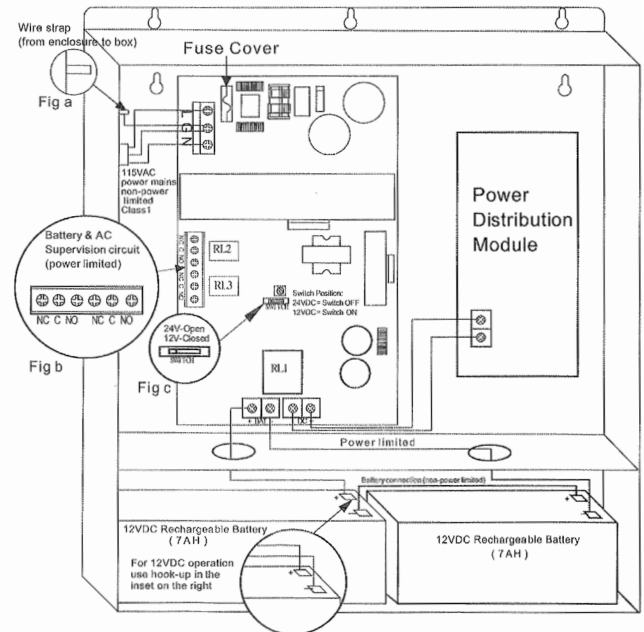
- Input: 115VAC, 60 Hz, 1.45 amps
- Output: 12VDC or 24VDC selectable
 - 2.5 amps continuous supply current
 - Class II rated power limited
 - Filtered and electronically regulated
- Battery charging circuit: Maximum current .7 amps High power for long wire runs
- Stand-by: (insert chart from II) Dimensions: 2 1/2" (D) x 2 1/4"(W) x 2" (H)
 - Supervision: AC failure, with output via form C contact rated at 1A@30VDC
 - Low battery/missing battery, with output via form C contact rated at 1A@30VDC
- Dimensions (enclosure): 13.5"H X 13"L X 3.25"D (343mm X 330mm X 83mm)
 - Accommodates up to two (2) 12VDC 7AH batteries (not included)
 - 0.5" and 0.75" combination knockouts
 - Top mounting flange in addition to interior mounting holes
- Weight: 8.6 lbs.(3.9 Kg)

CERTIFICATIONS

- cUL US, CE, CFM, Buildings

STAND-BY SPECIFICATIONS (TOTAL CURRENT SHOWN)

Output	4 hr. Of Stand-by & 5 Minutes of Alarm	24 hr. Of Stand-by & 5 Minutes of Alarm
12VDC 7AH Battery	Stand-by=0.5Amp Alarm=2.5Amp	Stand-by=0.2Amp Alarm=2.5Amp
12VDC 14AH Battery	Stand-by=1Amp Alarm=2.5Amp	Stand-by=0.4Amp Alarm=2.5Amp
24VDC 7AH Battery	Stand-by=0.5Amp Alarm=2.5Amp	Stand-by=0.2Amp Alarm=2.5Amp



CAUTION: 1. When the power supply board is set for 12VDC use 2 12VDC battery for PARALLEL CONNECTION ONLY
 2. When the power supply board is set for 24VDC use 2 12VDC battery for SERIES CONNECTION ONLY
 3. Keep power limited wiring separate from non-power limited. Use minimum 0.25" spacing