

*Security Management System*  
**SMS-3APS, SMS-5APS  
& SMS-10APS**  
*Power Supplies*

**OVERVIEW**

The SMS Series power supplies are efficient linear performance power supplies with battery charger and power supervision. Extensive filtering provides a balance of super clean power. This design eliminates interface problems with proximity readers. The SMS Series are uninterruptible power supplies when stand-by batteries are connected. A service switch allows the DC output to be turned off for service.



*Photo shown with PDM option*

**FEATURES AND BENEFITS**

- Super clean linear performance
- Precise battery regulation for all lead acid batteries
- LED's indicate AC, power good, and DC on
- Electronic power limited short circuit protection
- Thermal regulation prevents overheating
- Output ON/OFF service switch
- No switch over or voltage drop when input power fails

## SUPERVISED POWER SUPPLY/CHARGER SPECIFICATIONS

|   | SMS-3APS  | SMS-5APS  | SMS-10APS   |
|---|---|---|---|
| <b>Batteries Supplied</b>               | Two (2) 12VDC 7AH back up batteries               | Two (2) 12VDC 7AH back up batteries                 | Two (2) 12VDC 7AH back up batteries                 |
| <b>Universal AC Input</b>               | 85-260VAC   | 85-264VAC   | 90VAC-132VAC  |
| <b>AC Indicator</b>                     | LED   | LED   | LED   |
| <b>AC Input 3P Terminal Block</b>       | Line, Neutral and Earth Ground                    | Line, Neutral and Earth Ground                      | Line, Neutral and Earth Ground                      |
| <b>DC Output</b>                        | 24VDC @ 3A  | 24VDC 24VDC @ 5A                                    | 24VDC 24VDC @ 10A or 12VDC @ 20A                    |
| <b>Module Dimensions (H x W x D)</b>    | 6.4" x 3.95" x 2.35"<br>(16.3cm x 10.0cm x 6.0cm) | 7.4" x 3.94" x 2.35"<br>(18.8cm x 10.0cm x 6.0cm)   | 7.75" x 4.17" x 3.23"<br>(19.7cm x 10.6cm x 8.2cm)  |
| <b>Enclosure Dimensions (H x W x D)</b> | 14.0" x 9.0" x 3.5"<br>(35.6cm x 22.9cm x 8.9cm)  | 14.0" x 14.0" x 4.75"<br>(35.6cm x 35.6cm x 12.1cm) | 14.0" x 14.0" x 4.75"<br>(35.6cm x 35.6cm x 12.1cm) |
| <b>Ambient Temperature in Enclosure</b> | -4°F to 95°F<br>(-20°C to 35°C)                   | -4°F to 95°F<br>(-20°C to 35°C)                     | -4°F to 95°F<br>(-20°C to 35°C)                     |
| <b>Humidity</b>                         | 95% RH Non Condensing                             | 95% RH Non Condensing                               | 95% RH Non Condensing                               |
| <b>Weight with Enclosure</b>            | 7.6 lbs (3.45 kg)                                 | 13.0 lbs (5.90 kg)                                  | 11.4 lbs (5.17 kg)                                  |
| <b>Approvals</b>                        | UL listed for UL 294 Access Control and more      | UL listed for UL 294 Access Control and more        | UL listed for UL 294 Access Control is Pending      |

## OPTION ACCESSORIES

### PDD-FT DC FIRE TRANSFER RELAY MODULE

#### SPECIFICATIONS:

- Non latching or latching mode
- Universal 11-29VDC Operation
- Reverse polarity protected
- Normally on & normally off Output
- Output LED indicates condition
- Form C contacts indicates trigger status
- 12A transfer relay contacts
- Outputs can be triggered with:
  1. N/O or N/C switch with supervised EOL
  2. N/C switch with over ride
  3. N/C switch with AUX-IN auxiliary
  4. Ground on any trigger input when green jumper is enabled
- RoHS Lead Free
- Module Dimensions: 2.23"W x 3.75"L x .8"H
- Ambient Temperature in Enclosure: -4°F to 95°F
- Humidity: 95% RH Non Condensing
- Weight: 2.2oz
- UL listed for UL 294 Access Control and more

### DCPM-1 ADJUSTABLE DC OUTPUT VOLTAGE MODULE

#### SPECIFICATIONS:

- 6-26VDC adjustable DC output voltage
- Low voltage AC or DC Input
- Up to 1A continuous supply current
- Clean Linear output
- Electronically protected against over current and temperature
- Module Dimensions: 1.1"W x 2L" x 2.38"H
- Ambient Temperature in Enclosure: -4°F to 95°F
- Humidity: 95% RH Non Condensing

#### ORDERING INFORMATION

|                  |  |
|------------------|--|
| <b>SMS-3APS</b>  | 24VDC @ 3A Power Supply/Charger                |
| <b>SMS-5APS</b>  | 24VDC @ 5A Power Supply/Charger                |
| <b>SMS-10APS</b> | 24VDC @ 10A or 12VDC @ 20APower Supply/Charger |
| <b>PDD-FT</b>    | DC Fire Transfer Relay Module                  |
| <b>DCPM-1</b>    | Adjustable DC Output Voltage Module            |
| <b>PDM-4</b>     | Low Voltage 4 Output Power Distribution Module |
| <b>PDM-8</b>     | Low Voltage 8 Output Power Distribution Module |
| <b>PDM-9</b>     | Low Voltage 9 Output Power Distribution Module |