



# ALTRONIX CORPORATION

## ADVANCED ELECTRONIC TECHNOLOGY

### SMP-3PM & SMP-5PM

## SUPERVISED POWER SUPPLY/CHARGER

### INSTALLATION INSTRUCTIONS

1. Place the appropriate dip switches in the **ON** position for the desired voltage output. All other dip switches should be in the **OFF** Position. (See Tables Below)
2. Connect AC transformer wires to terminal block as indicated.
3. Connect output to desired devices, while carefully observing polarity.
4. Connect corresponding battery with matching desired voltage to battery terminals.

When installing the model SMP-3PM or SMP-5PM supervised power supply/charger the following connections are optional:

- A) To report loss of AC connect corresponding wiring to terminals marked "AC Fail".
- B) To report low battery disconnect corresponding wiring to terminals marked "Low Bat."

**Note:** During normal operation (AC and battery connected), the NC and C relay contacts will be in the closed position and the NO and C relay contacts will be in the open position. These contacts are rated at 2AMPS. 120VAC.

### TO SELECT THE PROPER TRANSFORMER SEE TABLES BELOW

#### SMP-3PM TRANSFORMER SELECTION TABLE

OUTPUT VOLTAGE	DIP SWITCH POSITION				2.5 AMP SUPPLY CURRENT
	1	2	3	4	
12 VDC	ON	ON	OFF	OFF	16VAC 40VA min.
24 VDC	OFF	OFF	ON	ON	28VAC 100VA (Altronix model T2885)

#### SMP-5PM TRANSFORMER SELECTION TABLE

OUTPUT VOLTAGE	DIP SWITCH POSITION				4.0 AMP SUPPLY CURRENT
	1	2	3	4	
12 VDC	ON	ON	OFF	OFF	28VAC 100VA (Altronix model T2885)
24 VDC	OFF	OFF	ON	ON	28VAC 175VA (Altronix model T28140)

**Note:** Larger transformers may be used for all above applications provided they do not exceed 28 VAC.



## LIFETIME WARRANTY - MADE IN U.S.A.

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## SMP-3 & SMP-5 HIGH CURRENT POWER SUPPLY/CHARGERS

### INSTALLATION INSTRUCTIONS

1. Place the appropriate dip switch in the **ON** position for the desired voltage output. All other dip switches should be in the **OFF** Position. (See Tables Below)
2. Connect AC transformer wires to terminal block as indicated.
3. Connect output to desired devices, while carefully observing polarity.
4. Connect corresponding battery with matching desired voltage to battery terminals.

**TO SELECT THE PROPER TRANSFORMER SEE TABLES BELOW**

**SMP-3 TRANSFORMER SELECTION TABLE**

OUTPUT VOLTAGE	DIP SWITCH POSITION				1.25 AMP	2.0 AMP	2.5 AMP
	1	2	3	4	SUPPLY CURRENT	SUPPLY CURRENT	SUPPLY CURRENT
6 VDC	OFF	OFF	OFF	ON	16VAC 24VA min.	16VAC 24VA min.	16VAC 24VA min.
12 VDC	OFF	OFF	ON	OFF	16VAC 30VA min.	16VAC 30VA min.	16VAC 40VA min.
18 VDC	OFF	ON	OFF	OFF	24VAC 40VA min.	28VAC 100VA (ALTRONIX MODEL T2885)	28VAC 100VA (ALTRONIX MODEL T2885)
24 VDC	ON	OFF	OFF	OFF	24VAC 40VA min.	28VAC 100VA (ALTRONIX MODEL T2885)	28VAC 100VA (ALTRONIX MODEL T2885)

**SMP-5 TRANSFORMER SELECTION TABLE**

OUTPUT VOLTAGE	DIP SWITCH POSITION				4.0 AMP
	1	2	3	4	SUPPLY CURRENT
6 VDC	OFF	OFF	OFF	ON	16VAC 40VA min.
12 VDC	OFF	OFF	ON	OFF	28VAC 100VA (Altronix model T2885)
18 VDC	OFF	ON	OFF	OFF	28VAC 175VA (Altronix model T28140)
24 VDC	ON	OFF	OFF	OFF	28VAC 175VA (Altronix model T28140)

**NOTE:** Larger transformers may be used for all above applications provided they do not exceed 28 VAC.



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