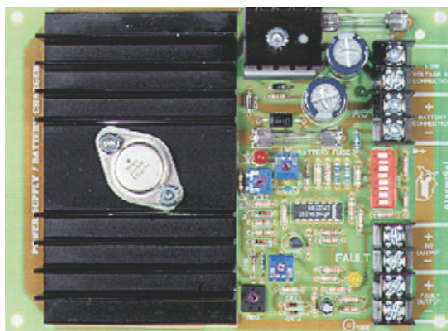




ALARM SAF

MODULAR POWER SUPPLY/BATTERY CHARGER



FEATURES

- 12 or 24 VDC
- 3 A to 5 A current capability
- Thermal protection
- Fault status reporting
- Fully regulated and filtered
- Fault relay (see specifications)
- Reverse polarity protection
- Fused battery output
- Lead acid battery compatible
- Linear technology for proximity reader compatibility
- Modular
- Limited Lifetime Warranty

APPLICATIONS

- Auxiliary or system power
- Proximity or card reader power
- Local or central doorstrike power
- Local or central maglock power
- DC CCTV camera power
- Auxiliary battery charging

SPECIFICATIONS

	PS3-BD	PS5-BD	PS5-12040-BD	PS5-24040-BD
Output Voltage	12/24VDC	12/24VDC	12VDC	24VDC
Output Current	3A	5A (Note 1)	5A (Note 1)	5A (Note 1)
Ripple (RMS)	.005VAC@.5A .14VAC@2.5A	.005VAC@.5A .14VAC@.4A	.005VAC@.5A .14VAC@.4A	.005VAC@.5A .14VAC@.4A
Input Voltage	Note 2	Note 2	17.5VAC	28.2VAC
Battery Charge Capacity	20Ah (Note 3)	38Ah (Note 3)	38Ah (Note 3)	38Ah (Note 3)
Fault Output Type	Voltage	Voltage	Form C	Form C
Trouble Relay	No	No	Yes	Yes
Fault Detection	AC fuse, Battery fuse, Low battery			
Visual indicators (LEDs)	AC: Green, Common fault: Yellow			
Temperature Range	32° to 120°F (0° to 50°C)			
Humidity	85% @ 85°F (29.4°C)			
Fuse Type/Rating	Glass tube, 10A battery fuse, 10A AC fuse			
Dimensions	5.1"L x 7"W x 1.62"H (13cm x 17.8cm x 4.1cm)			

NOTE 1: For continuous current draw derate to 4A

NOTE 2: Input voltage is dependent on the output voltage setting. 12V output requires a 17.5VAC transformer. 24V output requires a 28.2VAC transformer.

NOTE 3: Maximum current drawn from these units is affected by battery size used. Maximum allowed load current is 10% of the battery Ah rating as a dedicated battery charging current. **EXAMPLE:** To charge a 17 Ah battery from a PS5, allow 1.7 A for battery charging, which leaves 3.3 A for the system load (5-1.7=3.3).

ORDER INFORMATION

ORDER NUMBER	MODEL NUMBER	DESCRIPTION	Recommended Transformer for 12 VDC		Recommended Transformer for 24 VDC	
			ORDER #	MODEL #	ORDER #	MODEL #
00805	PS3-BD	12/24VDC 3A Power Supply	00606	T12V5A	00607	T24V5A
00806	PS5-BD	12/24VDC 5A Power Supply	00606	T12V5A	00607	T24V5A
00844	PS5-12040-BD	12VDC 5A Power Supply	00606	T12V5A	N/A	N/A
00845	PS5-24040-BD	24VDC 5A Power Supply	N/A	N/A	00607	T24V5A