

Product overview:

- High quality linear power supplies
- Use in standby or cyclic applications (Inc. cyclon batteries)
- Low noise and low ripple DC outputs
- Regulated & limited output to prevent overcharging
- Low discharge current after AC cut off
- Reverse polarity and short circuit protected
- 115/230VAC 50/60Hz mains input
- Available through RS Components



Highly reliable linear chargers in 6, 12 & 24V formats suitable for sealed lead acid and cyclon batteries. Designed for standby or cyclic modes and suitable for float charging batteries from which the load is drawn. In normal operation the battery is kept fully charged ready to supply to the load in the event of mains failure

Voltage regulated and current limited outputs prevent overcharging of batteries. Outputs are reverse polarity and short circuit protected with low discharge current when the mains supply is off. Outputs are provided for external status LEDs (not supplied) showing; CHARGING / CHARGED.



Technical Specification:

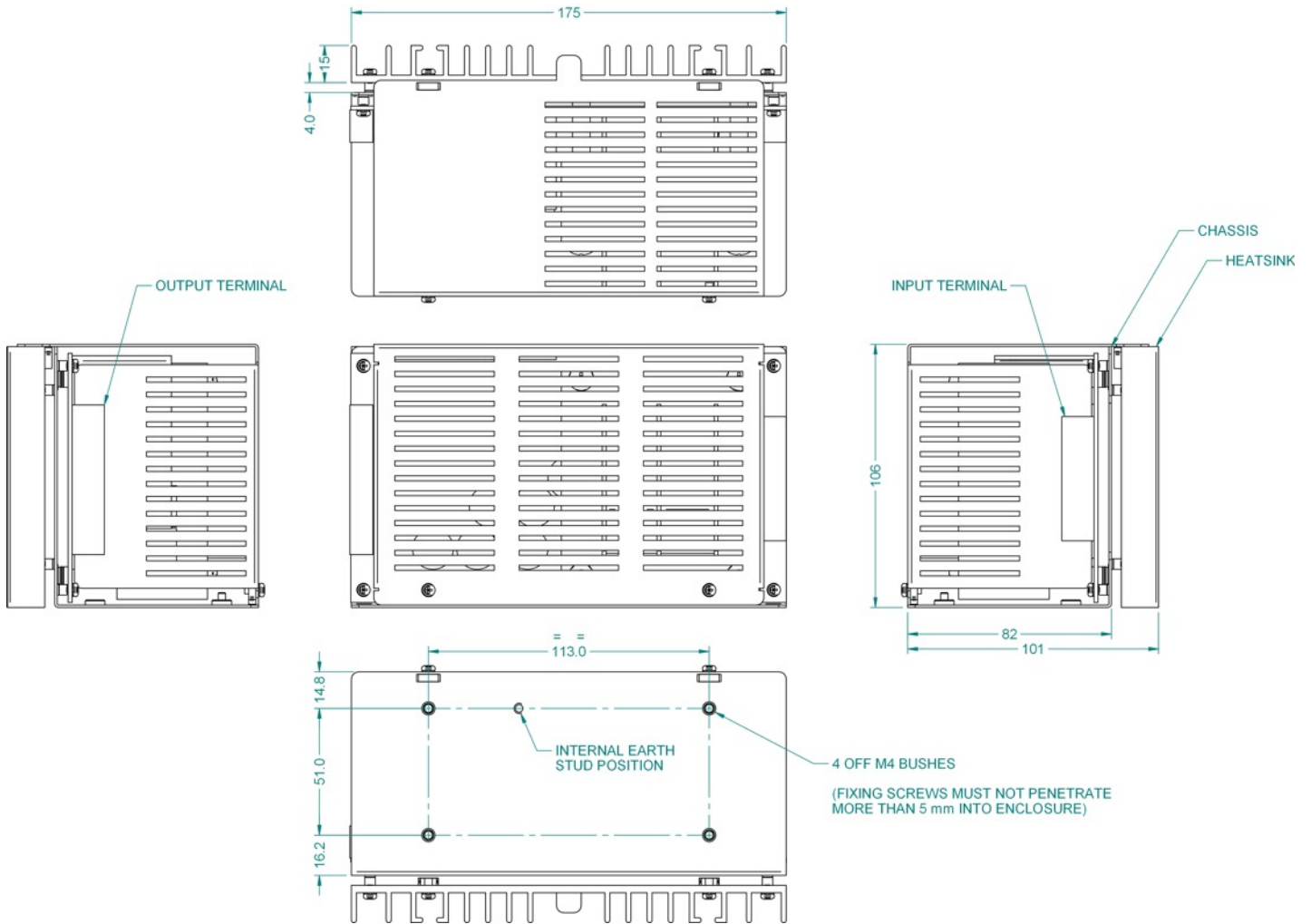
	7798	7969
Input Voltage	115 / 230VAC ±10%	
Input Frequency	50/60Hz	
Input Power Rating	250W	
Input Current	1A	
Operating Temperature	0 to +40°C	
Output Voltage	6.90 or 13.8VDC (Lead Acid) 7.05 or 14.1VDC (Cyclon)	27.6VDC (Lead Acid) 28.2VDC (Cyclon)
Output Current	4A max.	2.5A max.
Discharge Current	<5mA	
LED Outputs	2VDC @ 10mA (typical)	
Dimensions	(H) 105mm x (W) 101mm x (D) 175mm	
Weight	3.1kg	
Fixings	4x M4 @ 113mm x 51mm	
Safety & EMC Standards	EN61010-1 (EN60950) and EN50121-4 (EN61204-3)	

Ordering Information:

Model No.	Devlin Part No.	RS Part No.	Description
7798	PSU-7798-010	RS 493-225	6 & 12Vdc
7969	PSU-7969-010	RS 493-229	24Vdc

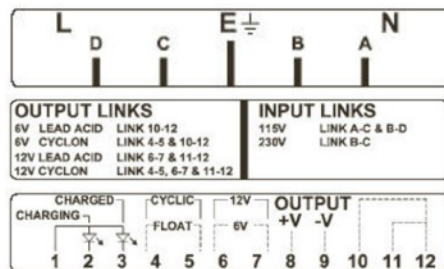


Mechanical Specification:

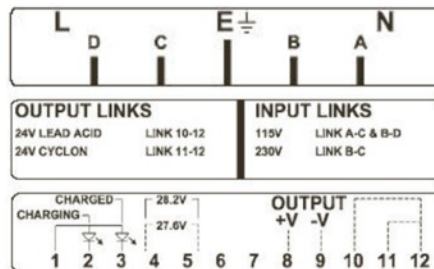


Connection Specification:

Model No. 7798 Connections -



Model No. 7969 Connections -



CAUTION: surface may be hot

Notes:

1. These units are designed to be mounted with the heatsink fins positioned vertically. Ventilation must not be obstructed
2. Incorrect terminal connection can cause permanent damage
3. Equipment must be earthed
4. Input must be fused with a 2A(T) fuse conforming to EN60127
5. Output leads should be as short as possible and not exceed 1m as the voltage drop will affect battery charging

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