



TRIO

DATA COM

Technical Note - TN-38

Subject: Regulated DC Power Supplies
Description: Approval No. Q96375, AS/N2510454
Data Series - 12V82ASW (PUP30-12N)



Specifications

Input Voltage: 85 - 264 Volts AC
Frequency: 47 to 400 Hz
Input Current: 0.5A @ 230V
Output Voltage: 13.8 Volts DC
Current Rating: 2.7 Amps (max.)
Maximum Output Power: 30 W
Ripple and Noise: 1% peak to peak
Dimensions: 147mm x 75mm x 42mm
Weight: 500 g
Operating Temperature: 0 – 50 DegC

Features

- Universal input
- Over Voltage Protection
- Over Current Protection
- Linear Design for reliability
- LED Indicator
- ON/OFF switch
- IEC320 power socket
- UL, CSA and CE approvals

Operation

1. Connect the electronic equipment to the power supply terminals, observing the correct polarity. The RED terminal is POSITIVE (+) and the BLACK terminal is NEGATIVE (-).
2. Plug the Power Supply into an AC outlet
3. The LED will light, indicating the power supply has mains.
4. Push power switch to ON position.

Important Notice

For extended operation at or near maximum ratings, always ensure the cooling vents are not obstructed, and the power supply has adequate ventilation.

designs products & *solutions*

Information subject to change without notice.
© Copyright 2005 Trio DataCom Pty Ltd. All rights reserved. Issue 08/05

TRIO DATA COM
41 Aster Avenue
Carrum Downs VIC
Australia 3201

T +613 9775 0505
F +613 9775 0606
E frontdesk@trio.com.au
www.trio.com.au

