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Regulated Power Supply

12 Volt 1.25 Amp Regulated Switcher Supply

Product Code: PWR12



Good Reliable Power Leads to Good Reliable Switching

PWR12 12 Volt Power Supply

Provides Clean Reliable Power to the Board
Required for the Board's Firmware to Operate

Good Reliable Power Leads to Good Reliable Switching

Clean Power is Essential

Applying Good clean power to the board is essential for the operation of the board. Not only for the switching of the relays but the firmware that processes the commands. Without good steady clean power from a regulated power supply the board simply will not function correctly. More than one troubleshooting question has turned out to be from someone who says they are using a power supply that they had "just laying around" and it was not sufficient enough to provide the power needed to operate the board. We also carry an international power supply with interchangeable adapters for international customers.

Power Requirements

All boards on the site require 12 VDC power. The PWR12 US power supply is a 120VAC to 12VDC 1.25A 60Hz regulated power supply and it plugs into the barrel connector on the board. The output connector is a 2.1mm I.D. x 5.5mm O.D. x 9.5mm R/A barrel connector.

RoHS Compliant

This board is led free and RoHS Compliant. If your requirements are for RoHS compliant parts this board is manufactured with RoHS compliant led free parts and solder.



PWR12 at a Glance

- Regulated Power Supply
- 120VAC to 12VDC 1.25A 60Hz
- Plugs into the Barrel Connector on the Board
- 2.1mm I.D. x 5.5mm O.D. x 9.5mm R/A Barrel Connector

International Power Available

For our international customers there is an



This Product:

PWR12

12 Volt 1.25
Amp Regulated
Switcher Supply



Related Products:

PWR12_INT

International 12
Volt 1.25 Amp
Regulated
Switcher Supply



Questions?



At [AccessNCD](#) we give you access

project your questions can be posted privately without being posted to the public forum. [Visit Today!](#)

Attention: SHARING POWERS SUPPLIES WITH INDUCTIVE LOADS

Most NCD devices are powered from a 12V power supply. NCD Devices REQUIRE a CLEAN Computer-Grade Regulated Power Supply. The power supply used to supply power to NCD Devices should not be shared with inductive loads. For instance, you should never use a single power supply to power a NCD Device and a 12V DC Motor. Doing so will introduce extremely high-voltage spikes that will damage the logic and power regulation portions of NCD devices, and in many cases, the NCD controller will NOT BE REPAIRABLE. The only known exceptions to this warning are customers who are working in automotive or other battery-powered applications where induction is naturally suppressed by integrating a large battery into the design. Filtering circuits may also be used to clean the power supply before entering the NCD controller, provided they are properly designed to work with your particular inductive load. **Induction suppression capacitors** may assist in the filtering of the power supply, but more study is required to determine their effectiveness at cleaning the power supply before it enters the NCD device.

12 Volt 1.25 Amp Regulated Switcher Supply

Quantity in Basket: *None*
Code: **PWR12**

Shipping Weight: **1.00** pounds



This Item is Lead-Free RoHS Compliant :

RoHS Compliant

Quantity:

12 Volt 1.25 Amp Regulated Switcher Supply

- NEW PRODUCTS
 - WiNet Gateway
- COMPUTER CONTROL
 - ProXR Series
 - Expandable Relay Control
 - ProXR Lite Relays
 - Computer Relay Control
 - Low Cost Relays
 - Basic Computer Control
- MOBILE DEVICE
 - Android Relays
 - iPhone Relays
- STAND ALONE
 - MirC Relays
 - Remote Relay Switch
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 - Two-Way Relay Switch
 - MirM Relays
 - Multi-Relay Switch
 - Reactor Relays
 - Sensor Activated Relays

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