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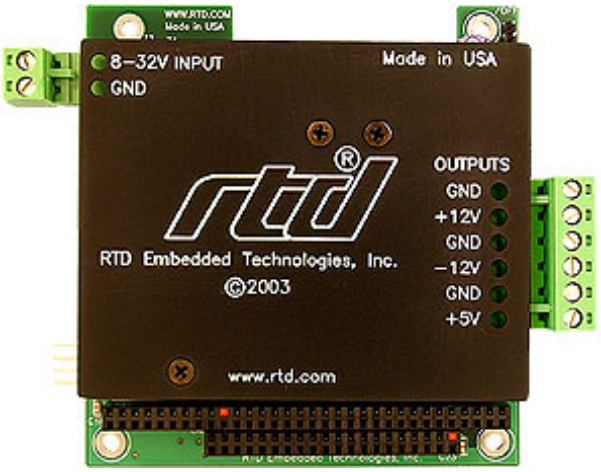
Find the *RTD Embedded Technologies HPWR104HR* at our website: *Click HERE*

RTD Embedded Technologies, Inc.
103 Innovation Blvd. State College, PA 16803 (814)-234-8087

HPWR104HR-75W
PC/104 Peripheral Module
75 Watt Embedded Power Supply

-40° to +85°C Operation

Features:



HPWR104HR-75W Power Supply Peripheral Module

- **High Power Capacity**
  - 75W maximum output power
  - Efficiency 88% typical
- **Wide Input Voltage Range**
  - 8-32 Vdc input (36 Volt maximum)
  - Reverse polarity input protection to 40 Volts
  - Voltage transient input protection
- **Outputs**
  - +5 Vdc at 15.0 A
  - +12 Vdc at 2.0 A, (3A max)
  - -12 Vdc at 500 mA, (1A max)
  - -5 Vdc at 100 mA on PC/104 Bus
- **Remote ON/OFF operation available**



Rugged IDAN™ Configuration

Description:

The HPWR104HR-75W power supply module provides a compact solution for high performance PC/104 systems requiring a reliable power supply. The wide input voltage ranges of 8-36V are suitable for applications ranging from mobile to industrial applications. The HPWR104HR-75W is connector compatible with the IPWR104HR power supply. When using the HPWR104HR-75W in IDAN™ systems the power devices are directly connected to the module frame allowing full output power even at high operating temperatures. Low component count and light weight improve reliability in most aggressive environments. Use the UPS25ER uninterruptible power supply and an external NiMH battery pack to implement a completely failsafe automotive power supply system.

The HPWR104HR-75W is available with an extended temperature range of -40 to +85 C. The power input is protected against reverse polarity and voltage transients. Power from the module is supplied to the 16 bit PC/104 bus as well as to the card edge from terminal blocks.

Physical Attributes:

- **Size: 90mm L x 96mm W x 15mm H (3.6"L x 3.8"W x 0.6"H)**
- **Weight: Approximately 0.14 Kg (0.32 lbs.)**
- **Operating Temperature: -40° to +85°C: 90% humidity non-condensing**
- **Storage Temperature: -55° to +125°C**

Recommended Accessories:

- **AC/DC PS External AC/DC Power Supply**

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Documentation and Software Downloads:

- Hardware Manual

Ordering Information

Part Number	Description	OEM Price
HPWR104HR-75W	75 W Embedded PC/104 Power Supply Peripheral Module	$ 395
HPWR104HRTX-75W	For use in IDAN™ Frame	$ 395

Add-on Modules **IDAN™ Systems**

Peripheral Module Menu **PC104 Menu** **Accessories** **Development Kits** **Home**

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