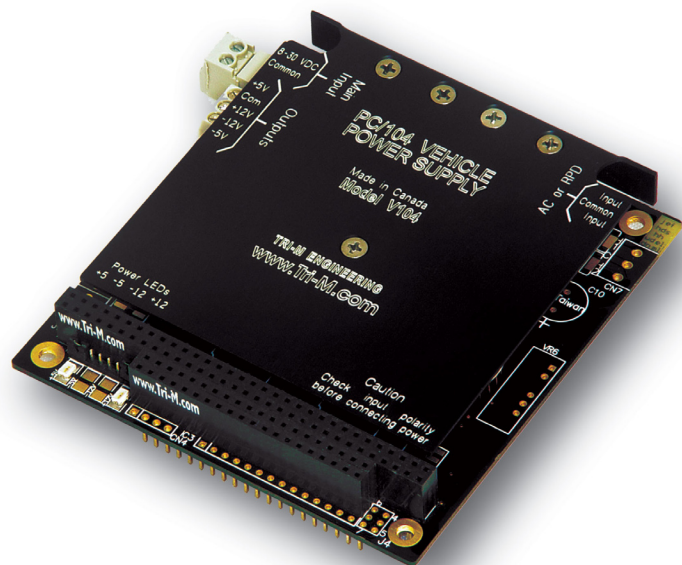


V104

25 Watt PC/104 Vehicle Power Supply



features

- 25 Watt output
- +5V & +12V standard, -5V & -12V optional
- Clean and Filtered Powder for the PC/104 bus
- “Load Dump” transient protection
- Options: Battery Backup, Battery Charger, Power Management & AC Bus Termination
- Optional reverse input protection (Part # RPD)
- Low quiescent current

specifications

Electrical Specifications

- 5V output* 5.0A
- 12V output 1.0A
- -5V output 0.40A
- -12V output 0.16A

Input Voltage 8 to 30VDC

Mechanical/Environmental

- Size (W x L x H)**** 3.55" x 3.75" x 0.60"
- Weight 6.08 oz/172.37 grams
- Temperature Range 0 to +70°C

Performance Characteristics

- Peak to Peak ripple* <50mV
- Load Regulation** <30mV
- Line Regulation** 40mV
- Output Temp. Drift** <10mV
- Output Ripple** 50mV
- Quiescent Current*** 22mA
- Efficiency up to 85%

* Current rating includes current supplied to 12V and -12V regulators

** Measured on the 5V output

*** LEDs disabled and power supply is in shutdown mode

**** Not including pass through pins

Ordering Information



this product is
manufactured by:



Part Number

HE104

V104-512-16

Options

OPT-5H

OPT-12H

OPT-512H

OPT-T

RPD

Description

+5V and +12V outputs

5V and 12V outputs

-5V outputs

-12V outputs

-5V and -12V outputs

AC Bus Termination installed onto the power supply

Reverse Polarity Diode for reverse input protection