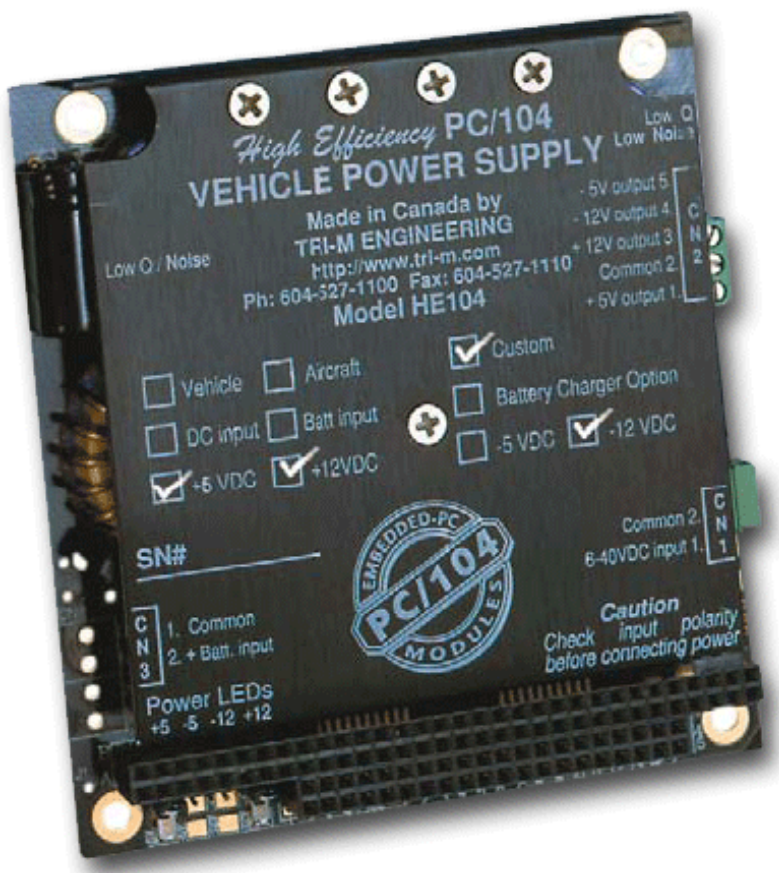
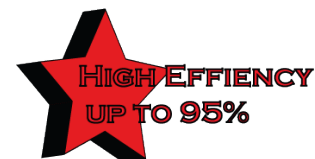


HE104-HP-16

75Watt High Efficiency Power Supply



features

- 75W output
- 6V to 40V DC input range
- 5V, 12V, -12V
- PC/104 compliant
- -40°C to 85°C operation

information

The HE104-HP-16 is a high efficiency, high performance, special high power version of the HE104. It is a 75W DC to DC power supply with 5, 12, and -12V outputs. Designed for low noise embedded PC/104 computer systems, the wide input range is ideal for battery or unregulated input applications.

The HE104-HP-16 is specifically designed for vehicular applications and has heavy duty transient suppressors that clamp the input voltage to safe levels while maintaining normal power supply operation. The special "soft start" feature allows a 10 millisecond 5V start up rise time.

specifications

Electrical Specifications

- +5V output* 15A
- +12V output 2A
- -12V output 500mA
- Input Range: 6V to 40V DC

Input Voltage 6 to 40VDC

Mechanical/Environmental

- Size (W x L x H)**** 3.55" x 3.75" x 0.6"
- Weight 6.08 oz/172.37 grams
- Temperature Range -40 to +85°C

Performance Characteristics

- Peak to Peak ripple* <20mV
- Load Regulation** <60mV
- Line Regulation** \pm 40mV
- Output Temp. Drift** <40mV
- Output Ripple** 20mV
- Quiescent Current*** 2mA
- Soft Start: 5V start up rise time = 10 msec
- Efficiency up to 95%

* 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-HP-16

Description

5V, 12V, -12V outputs, Soft Start

