

HE104

50 Watt High Efficiency PC/104 Power Supply



features

- 50 Watt output
- +5V & +12V standard, -5V & -12V optional
- 6V to 40V Dc input range
- "Load Dump" transient protection
- Clean and filtered power for the PC/104 bus
- "Load Dump" transient protection
- Size (W x L X H): 3.55" x 3.75" x 0.06"

specifications

Electrical Specifications

- 5V output* 10.0A
- 12V output 2.0A
- -5V output 0.4A
- -12V output 0.5A

Input Voltage 6 to 40VDC

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 -40 to +85°C

Performance Characteristics

- Peak to Peak ripple* <20mV
- Load Regulation** <60mV
- Line Regulation** 40mV
- Output Temp. Drift** <40mV
- Output Ripple** 20mV
- Quiescent Current*** 2mA
- 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:

TRI-M
ENGINEERING

Part Number

HE104-512-16

Description

+5V and +12V outputs

Options

OPT-5H

-5V outputs

OPT-12H

-12V outputs

OPT-512H

-5V and -12V outputs

OPT-T

AC Bus Termination installed onto the power supply

RPD

Reverse Polarity Diode for reverse input protection