

# HE104-HV

High Efficiency Power Supply



## features

- 50W output
- 6V to 50V DC input range
- +5V, +12V DC output
- High efficiency up to 95%
- PC/104 compliant
- Highly Compact
- Extended temperature: -40°C to 85°C
- Optional AC bus Termination

## specifications

### Electrical Specifications

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

### Input Voltage 6 to 50VDC

### 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:



## Part Number

HE104HV

## 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

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