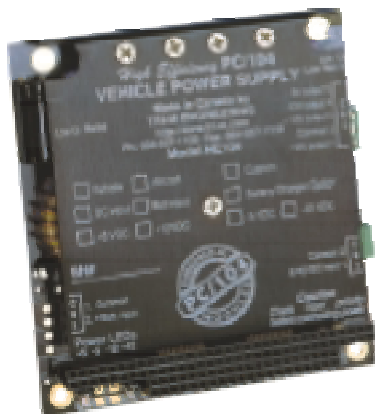


# PC/104 POWER SUPPLY

## HE104: PC/104 High Efficiency Vehicle Power Supply



### FEATURES

- ◆ 50W output
- ◆ 6 to 40 VDC input range
- ◆ Standard +5V & +12V, optional -5V & -12V
- ◆ Low quiescent current
- ◆ PC/104 compliant, highly compact
- ◆ Clean & filtered power for the PC/104 bus
- ◆ Temperature range: -40 to +85°C
- ◆ Optional AC bus Termination to reduce noise on the bus
- ◆ Optional reverse input protection (Part # RPD)

### ELECTRICAL

#### 1. Output Voltage

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

#### 2. Input Voltage

6 to 40 VDC

#### 3. Performance Characteristics

Peak to Peak ripple *	<20 mV
Load Regulation **	<60 mV
Line Regulation **	40 mV
Output Temp. Drift **	<40 mV
Output Ripple **	20 mV
Quiescent Current ***	2 mA
Efficiency	up to 95%

### ENVIRONMENTAL

Temperature Range -40 to +85 C

### MECHANICAL

Size (W x L x H) \*\*\*\* 3.55" x 3.75" x 0.60"  
Weight 6.08 oz / 172.37 grams

\* Current rating includes current supplied to 12V, -5V & -12V regulators

\*\* Measured on the 5V output

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

\*\*\*\* Not including pass through pins

### ORDERING INFORMATION

Part #	Description
HE104-512-16	+5V & +12V outputs
<b>Options (factory configured)</b>	
OPT-5H	-5V output
OPT-12H	-12V output
OPT-512H	-5V & -12V outputs
OPT-T	AC Bus Termination installed onto the power supply
RPD	Reverse Polarity Diode for reverse input protection

