

# V104

25 Watt PC/104 Vehicle Power Supply



## features

- 25 Watt output power
- 2 standard models: +5V only, +5V & +12V
- Optional -5V & -12V outputs
- 5000W transient protection
- Low quiescent current
- RoHS version available
- Low cost

## specifications

### Electrical Specifications

- 5V DC output\* @ 5.0A
- 12V DC output @ 1.0A
- -5V DC output @ 0.40A
- -12V DC output @ 0.16A
- 8V to 30V DC input

### Performance Characteristics

- Peak to Peak ripple\* <50mV
- Load Regulation\*\* <30mV
- Line Regulation\*\* 40mV
- Transient Protection: 5000W transient voltage suppressor
- Transient Cutoff: 33V nominal
- Output Temp. Drift\*\* <10mV
- Output Ripple\*\* 50mV
- Quiescent Current\*\*\* 22mA
- Efficiency up to 85%

### Mechanical/Environmental

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

\* 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

## Description

V104-5-16	25 Watt, +5V@5A, (0 to +70C)
V104-512-16	25 Watt, +5V@5A, +12V@1A, (0 to +70C)

## Options

-5V	optional -5VDC @ 400mA
-12V	optional -12VDC @ 160mA
-512V	optional -5VDC & -12VDC
-AC/IN	AC Input (8V to 30V AC input)
-ON/OFF	Remote on/off
-RPD	Reverse polarity diode for reverse input protection
-T	AC Bus Termination installed onto the power supply
-NT	Enhanced Temperature (-20° to +80°C)
-ET	Extended Temperature (-40° to +85°C)
-PBF	RoHS Compliant