# **HESC-SERD**

60 Watt Serial Port Power Supply w/ Dual Smart Charging



# features

-+5V, +12V, -5V, and -12V DC output

-6V to 50V DC input range

Charging voltage: 10V to 35V DC

UPS operation with optional battery module

L Supports charging two standard type battery modules

(supports only one SMBus battery)

## specifications

### Electrical Specifications

- · +5V output\* 12.0A
- · +12V output 2.5A
- · -5 output 0.4A
- · -12V output 0.5A

Input Voltage 6 to 50VDC

# Charger Rating

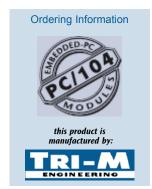
- · Charge Current 0A to 4.0 A
- · Charging Voltage 10V to 35V

### - Mechanical/Environmental

- · Size (W x L x H)\*\*\*\* 3.55" x 3.75" x 0.55"
- · Weight 7.30oz / 206.95g
- · 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
- · Soft Start: 5V start up risetime = 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



Part Number HESC-SERD Description

5V, 12V, -5V and -12V outputs, 4 amp charger, serial port

