

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
- 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

Ordering Information



this product is
manufactured by:

TRI-M
ENGINEERING

Part Number

HESC-SERD

Description

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