

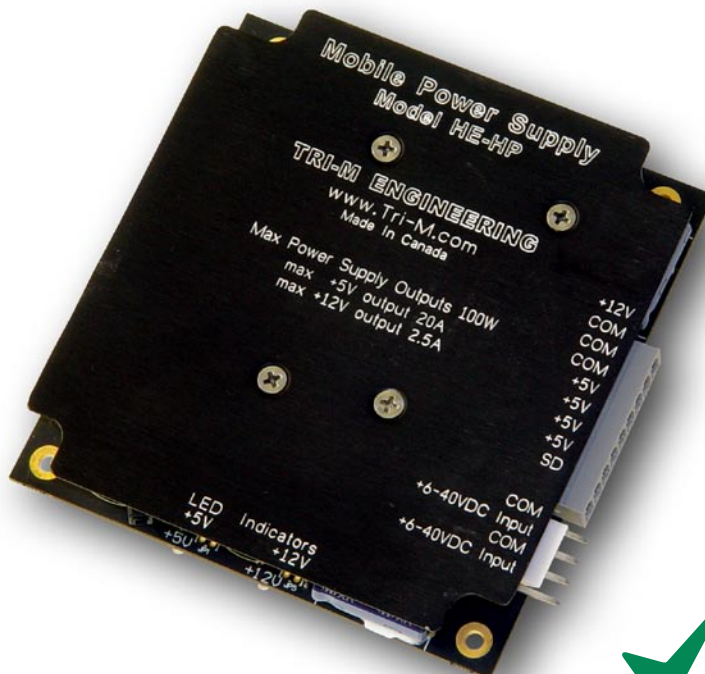
# HE-HP

## 100 Watt High Efficiency DC - DC Converter

90% Efficiency

### FEATURES

- 100 Watt DC-DC converter
- +5V and +12V outputs
- 6V to 40V DC input range
- Extended temperature: -40°C to +85°C
- PC/104 footprint
- High efficiency up to 90%
- High transient suppression
- Low output ripple
- Remote on/off standard
- Removable connector blocks
- RoHS compliant



### ELECTRICAL SPECIFICATIONS

Output (5V) *	5V @ 20.0A
Output (12V)	12V @ 2.5A
Output Total (Max)	100 Watt
Input (Main)	6V to 40V

### ENVIRONMENT & MECHANICAL

Dimensions (W x L X H)	3.55" x 3.75" x 0.60"
Mounting	PC/104 Footprint
Weight	6.08 oz / 172.37 grams
Operating Temperature	-40°C to +85°C
Relative Humidity	5% to 95% (non-condensing)

### PERFORMANCE CHARACTERISTICS

Peak to Peak ripple *	<20mV
Load regulation **	<60mV
Line regulation **	40mV
Output temp. drift **	<40mV
Switching frequency	75kHz
Max. input transient	125V for 100ms
Output ripple	<20mV
Conducted susceptibility	>57db
Efficiency	up to 90%
Quiescent current ***	1.3mA

\* Current rating includes current supplied to 12V and -12V regulators

\*\* Measured on the 5V output

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

### ORDERING INFORMATION

Part Number	
HE-HP-PBF	100 Watt DC-DC Converter, +5V@20A, +12V@2.5A, (-40 to +85°C)