FORTEC
ELEKTRONIK AG

# Datasheet

## HE-104+DX

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# HE104+DX

*High Efficiency PC/104+ Power Supply*

## specifications

### Electrical Specifications

- 5V output 15A
- 12V output 3A
- 3.3V output 10A
- -12V output 0.5

### Input Voltage 6 to 40V

### Mechanical/Environmental

- Temperature Range -40ºC to +85ºC
- PC/104 size & mounting holes with PC/104 and PCI-104 (Plus) busses
- 3.55"W x 3.75"L x 0.6"H
- Weight 6.08 oz/172.37 grams

### Performance Characteristics

- Load Regulation (5V output) <60mV
- Line Regulation 40mV
- Output temp. drift (5V output) <40mV
- Switching Freq. 300kHz
- Max. Input Transient 125V for 100msec
- Output Ripple (5V output) <20mV
- Conducted Susceptibility (5V output) >57db
- Efficiency (5V output) Up to 90%

## features

- 108 Watt Power Supply
- 6V to 40V DC input range
- +3.3V, +5V, +12V, -12V DC output
- High efficiency up to 90%
- PC/104+ (PC/104 & PCI-104)
- Extended temperature: -40ºC to +85ºC
- RoHS compliant

Ordering Information

| Part Number | Description |
|---|---|
| HE104+DX-PBF | +3.3V, +5V, +12V, -12V DC outputs, 108 Watt power supply |
| HE104+DX-S-N-PBF | +3.3V, +5V, +12V, -12V DC outputs with PC/104 bus, no PCI104 bus |

*this product is manufactured by:*

TRI-M ENGINEERING

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TRI-M SYSTEMS

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