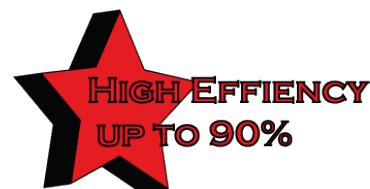


# HPS3512

High power with Smarts Vehicle Power Supply



## features

- Total power: 203 Watt with ATX interface
- +3.3V, +5V, 12V & 5VSB outputs
- 6V to 40V DC input range
- PC/104 size and mounting holes
- Built in temperature sensor
- RS232 serial port
- Opto-coupled inputs

## specifications

### Electrical Specifications

- +3.3V output 10A
- +5 output 15A
- +12V output 5A
- +5VSB output 7A

### Input Voltage 6 to 40VDC

### Mechanical/Environmental

- Size (W x L x H)\*\*\*\* 3.55" x 3.775" x 0.6"
- Weight 7.30oz / 206.95g
- Temperature Range -40 to +85°C

### Performance Characteristics

- Load Regulation\* <60mV
- Line Regulation\* 40mV
- Output Temp. Drift\* <40mV
- Output Ripple\* 20mV
- Switching Frequency 320-330kHz
- Maximum Input Transient 125V for 100Msec
- Conducted Susceptibility >57db
- Efficiency up to 90%

\* Measured on the 5V output

\*\* Not including pass through pins

## Ordering Information

| Part Number | Description                                 |
|-------------|---------------------------------------------|
| HPS3512-PBF | High Power with Smarts Vehicle Power Supply |