



A Phoenix Mecano Company

# VPX5100

## 715W 3U VPX Power Supply (Conduction Cooled)



Your Partner in Embedded Solutions

### Features

- Compliant to VITA 62 baseline specification
- Up to 715W Max. Power
- Up to 88% efficiency
- Up to 21A for +12V :VS1
- Up to 50A for +3.3V :VS2
- Up to 40A for +5V :VS3
- Up to 4.2A for +12V / -12V AUX
- Up to 7A for +3V3 AUX
- Operating Temperature: -40°C to +85°C
- Storage Temperature: -55°C to +105°C
- Voltage sense controlled
- 19 – 35 VDC INPUT
- Minimum Input Voltage start up rise time > 50 V/s
- MTBF = 105,000h
- Weight: 0.6kg/1.23lbs
- Isolation Voltage: 500V

For a more in-depth analysis visit our website at [www.orion-technologies.com](http://www.orion-technologies.com)

### Standard Outputs

- |   |  |
|---|--|
| VS1<br>Voltage = +12V<br>Current = 21A<br>Wattage = 250W  | VAUX1<br>Voltage = +12V<br>Current = 4.2A<br>Wattage = 50W |
| VS2<br>Voltage = +3.3V<br>Current = 50A<br>Wattage = 165W | VAUX2<br>Voltage = -12V<br>Current = 4.2A<br>Wattage = 50W |
| VS3<br>Voltage = +5V<br>Current = 40A<br>Wattage = 200W   | VAUX3<br>Voltage = +3.3V<br>Current = 7A<br>Wattage = 23W  |

Orion has successfully generated products utilizing an extensive assortment of microprocessors since 1990. Our single board computer product offering includes both custom and standard form factors such as VPX, VME, Compact PCI, XMC, and PMC.

Whether it's a small quantity, one-time requirement or a high volume product for years to come, we would like to be your partner in embedded solutions



# Block Diagram

