



Overview

The VK2300-PS-AC is a highly reliable universal AC power supply module that provides all necessary voltages to the VK2300 universal chassis system.

The standard 90-240 VAC @ 47-63 Hz power supply module is a high efficiency switching supply that delivers up to 100 watts continuous peak power. Its input auto range from 90 VAC to 240 VAC allows the VK2300 chassis system to be use in most AC power applications.

The integral AC power supply provides +12 volts @ 8 Amps to the back plane of the VK2300 chassis system. In addition, the VK2300-PS-AC module is designed with load sharing capability for redundancy.

The module front panel provides direct access to a power switch, slow-blow fuse, "Power On" LED indicator, and terminal block connection.

Features

- ◆ Universal Range 90-240 VAC @ 47-63 Hz
- ◆ Power Switch and LED Indicator
- ◆ Hot Swappable
- ◆ Fuse AC Main Input
- ◆ Load Sharing Redundancy

Specifications

Input:

| | |
|----------------|--------------|
| Input Voltage | 90-240 VAC |
| Supply Current | 2 Amps Max |
| Efficiency | 80 % Typical |

Output:

| | |
|-----------------------|-------------------------|
| Output Power | 80 watts |
| Output Voltages | +12 VDC @ 8 Amps |
| Power Fold back Point | 120% of Max |
| Line Regulation | +/- 0.2% |
| Load Regulation | +/- 0.5% |
| Noise/Ripple | 25 mV RMS, 50m Vp-p Max |
| Overshoot | 5% Max |

Environment:

| | |
|-----------|--------------------|
| Operating | -34°C to 74°C |
| Storage | -40°C to 95°C |
| Humidity | 95% Non-Condensing |

Ordering Information:

| Model | Description |
|--------------|---|
| VK2300PSAC | 90-240 VAC Power Supply Module for VK2300 Universal Chassis |
| VK2300PSDC48 | 48 VDC Power Supply Module for VK2300 Universal Chassis |

*Consult Factory for Additional Module Numbers



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