

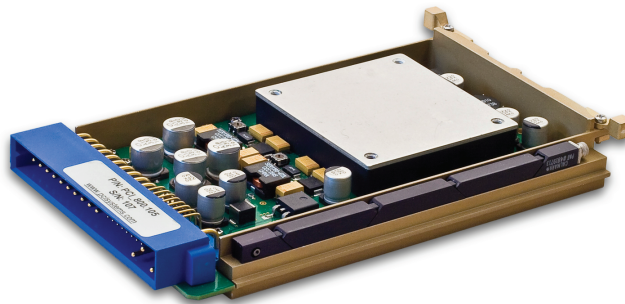
# ISOLATED 200W POWER SUPPLY 3U CPCI

## WHAT WE DO

PCI-SYSTEMS MANUFACTURES A VARIETY OF COTS MODULAR DESIGNED CONDUCTION COOLED CHASSIS FOR VPX AND CPCI APPLICATIONS, INCLUDING ATR AND ARINC 600 ENCLOSURES. OUR MISSION IS TO PROVIDE TECHNICALLY EXCELLENT DESIGN SOLUTIONS TO OEM'S BY DELIVERING THE MOST COST-EFFECTIVE, TECHNICALLY ADVANCED, AND RELIABLE/STABLE DESIGNS.

## ISOLATED

GALVANIC ISOLATION IS ACHIEVED BY ISOLATING TWO CIRCUITS USING A TRANSFORMER. FOR MANY REASONS: SAFETY, NOISE IMMUNITY, CIRCUIT PROTECTION LIKE SHORT CIRCUIT PROTECTION.



## Features

- up to 200 watts
- 18 - 36VDC (28VDC nominal) power input.
- 500V isolation between input / output.

## Introducing the 3U Isolated 200 Watt Power Supply.

The Isolated Rugged 3U Dual Phase Power Supply works with 18 to 36 VDC (28VDC nominal) input voltage and isolates the input voltage ground from the output voltage ground. The Isolated Rugged 3U Dual Phase Power Supply is conduction cooled, uses dual phase technology on all voltage rails and can provide up to 200 watts.

- Output voltages of +/-12V, +5V and +3.3V are standard.

Range (V)	Typ. (A)
+ 12	8
- 12	1
5	10
3,3	10

Maximum combined power cannot exceed 200 Watt.

### PHYSICAL CHARACTERISTICS

- Height 100 mm
- Length: 165.75 mm
- Width 20.86 mm

### POWER REQUIREMENTS

- 220W

### ENVIROMENTAL

(designed to meet intent of MIL- STD 810F)

- Operating Temperature -40 to +85 °C

- Vibration 14g/ 20 - 2000Hz
- Shock 40g/ 11mS
- Humidity 0% to 95% (non-condensing)

### POWER

- Supply Voltage 16- 36 VDC (28 VDC Nominal)
- Output Voltages

**PCI-SYSTEMS**  
EMBEDDED COMPUTER SOLUTIONS

## Ordering Information

PCI\_800.105

3U 47-pin 3U CompactPCI® 200 W isolated power supply