



## Compact PCI Power Supplies



Advice Electronics, CPCI series are the industry's leading Compact PCI AC/DC power supplies. The full range of compact PCI products are compliant with the PICMG® 2.11 power interface specification using the standard positronic 47-pin connector. These power supplies incorporate active power factor correction, 85-264VAC, universal or DC input models covering a range from 18-72VDC, making it ideal for use in every application.

Very high efficiency and power density results from the use of advanced component and circuit technologies such as synchronous rectification, low profile transformers and SMT components. Advice unique design using two converters in parallel, one for the +3.3V and the other for the +5V, enable the user the flexibility to determine unique load requirements for each channel independently. Full load can be drawn from each channel independently. The CPCI series provides design engineers with the flexibility they need to meet any design requirements.

The factory fitted 1<sup>2</sup>C module allows remote monitoring of key status functions via the system management bus. Monitored functions include the voltage and current levels of the CPCI outputs and the status of "fault" and "inhibit" signals. The module fits internally to the power supply housing, ensuring that no additional rack space is required to implement these M&C functionalities.

In the 3U units, as part of our standard configuration, a built in 1<sup>2</sup>C bus pre-programmed for static parameters. Provides useful data for maintenance and technical support.

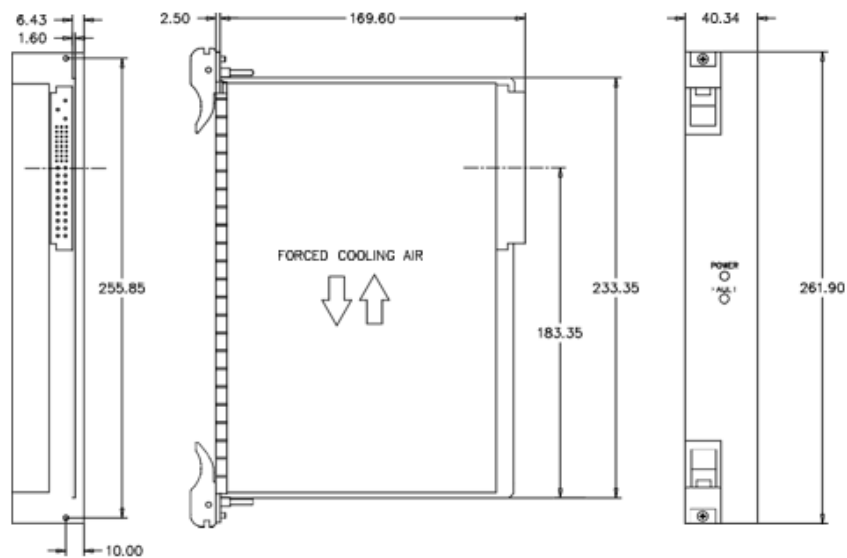
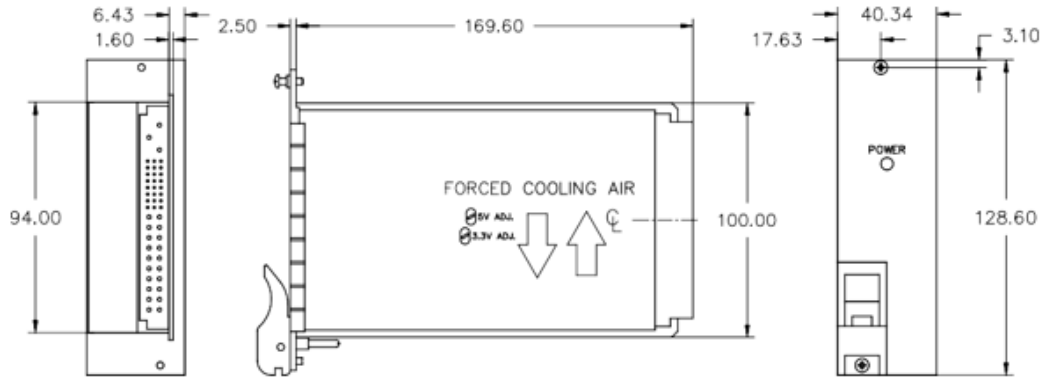
## Features

- 300W 3U AC & DC models
- Fully complaint with PICMD<sup>®</sup> 2.11
- High power density
- Current share & hot swap operation - built in "ORing" diodes
- 16mSec hold- up time at full load
- Very high efficiency
- Meet conducted and radiated emission testing per EN-55022 class B requirements with an external mains front end filter
- No minimum load required
- Remote status monitoring capabilities - 1<sup>2</sup>C data bus (6U units)
- "Ultra" wide range DC input models (18-36VDC & 36-72VDC)
- Ruggedized and military use option
- Products meet EN-62368 requirements

## Benefits

- Cost effective
- High output power- leaves "room for future growth"
- Built in current sharing and N+1 redundancy
- Operational in extreme environmental conditions
- High MTBF

Model	Advice Part Number	Input	Outputs 1	Outputs 2	Outputs 3	Outputs 4	Max Power
CPCI-DC-3U-200/24	900-3011-01	18-36V DC	5/25A	3.3/36A	+12V/3A	-12V/1A	200W
CPCI-DC-3U-300/24	900-4011-01	20-36V DC	5/30A	3.3/40A	+12V/5A	-12V/1A	300W
CPCI-DC-3U-300/24 RUGGEDIZED	900-4611-0000	20-36V DC	5/30A	3.3/40A	+12V/5A	-12V/1A	300W
CPCI-DC-3U-300/48	900-4003-01	36-72V DC	5/30A	3.3/40A	+12V/5A	-12V/1A	300W
CPCI-AC-3U-300	900-4002-01	100-240 V AC	5/30A	3.3/40A	+12V/5A	-12V/0.5A	300W
CPCI-AC-3U-300 RUGGEDIZED	900-4602-0000	100-240 V AC	5/30A	3.3/40A	+12V/5A	-12V/0.5A	300W
CPCI-AC-6U-400	900-6002-01	100-240 V AC	5/50A	3.3/80A	+12V/7.5A	-12V/1.5A	400W
CPCI-AC-6U-400 RUGGEDIZED	900-6602-0000	100-240 V AC	5/50A	3.3/80A	+12V/7.5A	-12V/1.5A	400W
CPCI-DC-6U-350/24	900-6001-01	18-36V DC	5/50A	3.3/60A	+12V/7A	-12V/1.5A	350W
CPCI-AC-6U-500	900-7002-01	100-240 V AC	5/50A	3.3/80A	+12V/12A	-12V/1.5A	500W
Product supplied with Advice Front Panel							
Available with Blank Front Panel for product with -01 (replaced with -50)							



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