

## DUAL OUTPUT PROGRAMMABLE DC POWER SUPPLY

- Dual 0-30VDC @ 2A, 30 watt per channel programmable output
- Programmable current limits
- Read back voltage and current at output
- Over-voltage and short circuit protection
- On-board isolation and remote sense relays
- Outputs are parallel-able and can be connected in series



### GENERAL

The TE3200 is a dual output programmable DC power supply designed for use in a 3U PXI/CompactPCI chassis. The TE3200 occupies a single slot and will utilize two external supplies of 48VDC (provided).

An external adapter, the TE3201, further enhances the TE3200 functionality and purity of the DC signal

### OUTPUT CHANNELS

The TE3200 comes standard with two programmable output channels. The TE3200 will provide a maximum of 30W per channel continuously using an external 48 VDC through the front panel connector. An AC adapter to 110/220VAC is provided.

The instrument includes built-in protection circuits for over-voltage, over-current and over-temperature. An external adapter, TE3201, provides isolation relays and improved signal.



### SOFTWARE

The TE3200 supports Plug-and-Play operating systems. Using the Graphical User Interface, your TE3200 will be up and running within seconds of installation. Just point and click to perform all set-up and control functions.

To further increase productivity and to automate set up and control procedures, the TE3200 is provided with a 32 bit DLL allowing users to easily customize drivers. Programming examples for most popular textual and graphical programming environments are provided. The software is compatible with Windows 95/98 NT and 2000.

TE3200

# TE3200 SPECIFICATIONS

# TEAM

SOLUTIONS, INC

Established in 1999, TEAM's mission is to provide its customers with state-of-the-art, PC-Based, Test & Measurement instrumentation. TEAM's products are offered in ISA, PCI, External (Parallel/USB driven), Compact

## Outputs

	TE3200	TE3201 (external adapter)
Configuration	Dual Outputs	
Output Voltage:		
Channel 1	0-30 VDC @ 2A, 30 Watts	
Channel 2	0-30 VDC @ 2A, 30 Watts	
Voltage Accuracy	0.5 % ± 10 mV	
Setting Resolution	12 Bit	
Fault Condition:		
Over Voltage	105% Of Full Scale	
Over Temperature	Automatically disables outputs when maximum allowable temperature is exceeded	
Current Limit	Programmable from 0 to FS Foldback when limit is reached	
Short Circuit	Outputs Are Protected	
Isolation Relays	No	Yes, independent for each channel
PARD	200 mV peak-peak (20 MHz)	50 mV peak-peak (20 MHz)
Line Regulation	0.1% ( Low line to high line)	
Load Regulation	0.1% ( 10% to 90% load change )	
Current Limit Accuracy	0.5% ± 50 mA (12 bit resolution )	
Readback Voltage & Current	0.2% FS Reading	
Read Back V/I Resolution	12 Bits	
Input Power Voltage	48 VDC (Isolated)	
Maximum Current	2A	
Physical Package	Single slot PXI card,3U	External Adapter
Operating Temp	0 °C to 40 °C	
Isolation:		
Channel to Channel	500V	
Channel to Chassis	500V	

## Our Product Line Includes:

- Up to 18 slots, Compact PCI/PXI enclosures
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- 50 MHz Dynamic Digital I/O
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