

Technical Specifications

TL-RKPS-01

Features at a Glance

- Supports 12 DC-powered devices
- 5, 12 or 24VDC selectable power per channel
- Dual AC inputs
- Input channel rating for 100~240VAC
- Maximum output consumption of 15W per channel
- 100ms sequencing per channel on startup
- Remote channel on/off control via RS232, Ethernet or built-in webserver
- Front panel control & keylock
- 1RU size
- Firmware upgradeable



The TechLogix TL-RKPS-01 is a rack-mountable integrated switching power supply designed for converting AC into DC power. It provides two input channels (100-240VAC at 50/60 Hz) and 12 output channels (5, 12, or 24V DC) that provide up to 15W per channel.

With sequential control technology, when powered on, the 12 output channels will turn on in order every 100ms. Each output channel can be switched on/off via the corresponding front panel button, RS232 commands or web-based GUI. The output voltage on each output channel can be selected as 5/12/24V DC via the tactile switch on the rear panel, RS232 command, or web-based GUI.

Specifications

I/O Connections	
Input channels	(2) AC
Input voltage	100~240VAC 50~60HZ
Output channels	(12) DC 2-pin phoenix
Output voltage (selectable)	5V (4.75~5.25V) 12V (11.4~12.6V) 24V (22.8~25.2V)
Output power rating	15W per channel (5V 3A, 12V 1.25A, 24V 0.625A)
Total output power consumption	180W
Voltage selection	Rear Panel: Total 12 TACT Switches, named SELECT; RS232; TCP/IP, Web GUI
Control	
Sequencing startup time	100ms
Control formats	RS232 (3-pin phoenix) Front panel (12 buttons – one per channel) TCP/IP (RJ45) Web-based GUI
Default IP address	192.168.0.178 Port: 4001
Supported baud rates	1200, 2400, 4800, 9600 (default), 19200, 38400, 57600, 115200

General	
Included Items	(1) power cable (12) 2-pin phoenix connectors (1) 3-pin phoenix connector (1) RS232 cable (DB9 to 3-pin phoenix connector) (2) DC cables
Enclosure	Painted aluminum
Regulatory	UL, FCC, CE
Standard warranty	3 years
Operating temperature range	0~50 degrees C 32~122 degrees F
Operating humidity range	10~90% non-condensing
Dimensions WxHxD	437mm x 44mm x 357mm 17.2" x 1.7" x 14.1"
Weight	4.2Kg 9.2lbs

