



TCW-1525 DATA SHEET

15A BIPOLAR TEC TEMPERATURE CONTROLLER



The TCW is a current driver designed to drive and control the temperature of Peltier driven thermal systems. Includes a user interface with tools for controlling, monitoring and calibration. It is fully controllable and configurable through a USB to Serial digital interface and has analog I/O for monitoring and control.

Features:

- Bipolar output current up to $\pm 15A$
- Temperature stability up to $\pm 0.01^{\circ}C$
- Adjustable current limits
- USB C or Micro USB, and RS232 digital communication
- Pass-through support for up to 8 controllers on a single USB line
- Intuitive GUI with auto-calibration
- Compatible with NTC and RTD temperature sensors
- Standalone, remote, and script-based operation

Specifications:

Output Current	$\pm 15A$
Output Voltage	$\pm 24V$
Ripple Frequency	$> 300\text{ kHz}$
Control	Digital For Analog Options Contact Supplier
Dimensions	115mm x 64mm x 15mm
Operating Temperature	10 to 55 $^{\circ}C$

