



AT A GLANCE

- Modular Multi Source power supply consolidates multiple sources
- Individual configuration options
- Minimizes lab clutter
- Ensures precise power control
- Ideal for adaptable development labs

Features

- Up to 12 channels in each of the 8 slots
- Current sources, voltage sources, laser drivers and TEC controllers available
- Ethernet connectivity
- SCPI interface
- Small form factor
- 16 bit resolution

Applications

- Electronics Development
- Optics and Photonics
- Component and System Characterisation
- Semiconductor Research
- Communication Technology
- Automation and Robotics

Technical Background

- Managing standalone power sources leads to tangled cables, increased footprint and lack of control
- Modular Multi Source power supply offers consolidated solution
- Individually configurable outputs
- Combines power, voltage, laser drivers, and TEC controllers in one unit
- Offers unprecedented versatility
- Designed for various research areas
- Reliable and flexible solution for labs and development environments

Specification

- Current Source (per channel):
0 mA to 200 mA per channel
0V idle
16 bit resolution
- Voltage Source (per channel):
12 V to +12 V
20 mA
16 bit resolution
- TEC-Controller
Ultra Stable digital PID Loop
1.5 A TEC current
- Laser-Driver max 200 mA @ 3V
current control and power
control mode

Benefits

- Enhances precision with configurable options for various experimental setups
- Promotes efficiency in research and development endeavors
- Reduces cable clutter, creating a tidier and well-organized lab space
- Integrates power, voltage, laser drivers, and TEC controllers into one modular unit
- Accommodates up to 12 channels per slot across 8 slots, enabling personalized and flexible outputs

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