



## 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, current, and voltage sources, laser drivers, and TEC controllers into one modular unit
- Offers unprecedented versatility
- Designed for various research areas
- Reliable and flexible solution for labs and development environments

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### Specification

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- 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

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### Benefits

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- 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, current, and voltage sources, 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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