

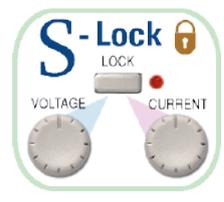
Model	Outputs	Voltage / Current	Power	Interfaces
PL068	One	0 to 6V / 0 to 8A	48W	
PL155	One	0 to 15V / 0 to 5A	75W	-
PL303	One	0 to 30V / 0 to 3A	90W	-
PL601	One	0 to 60V / 0 to 1.5A	90W	-
PL303QMD	Two	2 x (0 to 30V / 0 to 3A)	180W	-
PL303QMT	Three	2 x (0 to 30V / 0 to 3A) + 0 to 6V / 0 to 8A	228W	-
PL068P	One	0 to 6V / 0 to 8A	48W	RS232/USB/LAN
PL155P	One	0 to 15V / 0 to 5A	75W	RS232/USB/LAN
PL303P	One	0 to 30V / 0 to 3A	90W	RS232/USB/LAN
PL601P	One	0 to 60V / 0 to 1.5A	90W	RS232/USB/LAN
PL303QMDP	Two	2 x (0 to 30V / 0 to 3A)	180W	RS232/USB/LAN
PL303QMT P	Three	2 x (0 to 30V / 0 to 3A) + 0 to 6V / 0 to 8A	228W	RS232/USB/LAN

Brief specifications for main outputs:  
 Line & load regulation: <math><0.01\%</math>. Output noise: <math><0.4\text{mV rms}</math>. Meter accuracies: voltage - 0.1%  $\pm$  1digit, current - 0.3%  $\pm$  3 digits.  
 Sizes: singles - 105 x 130 x 290/315mm; dual - 210 x 130 x 290mm  
 triple - 315 x 130 x 290mm (WxHxD)

- ▶ Linear regulation provides ultra-low noise
- ▶ Highly compact (1/4 rack 3U) with small bench footprint
- ▶ True analog controls with advanced digital features
- ▶ Settings can be locked at the touch of a button
- ▶ 4 digit voltage and current meters on each output
- ▶ Low current range with 0.1mA resolution
- ▶ Constant voltage or constant current operation
- ▶ Independent, tracking or true parallel modes (QMD & QMT)
- ▶ High current (8A), high precision (1mV resolution) output on PL303QMT
- ▶ Front and rear power and sense terminals (PL-P models)
- ▶ Analog remote control (PL-P single output models)
- ▶ RS-232, USB and LXI compliant LAN interfaces (PL-P models) GPIB optional

The New PL series represents the successor to best-selling PL series which became an "industry standard".

This ultra-compact linear regulated design retains the traditional analog controls of the original PL but adds important digital features.



When working with any piece of equipment, engineers tend to require a voltage source variable over only a narrow range. That's where the V-Span function comes in. It allows the user to redefine the end-stop values of the voltage control to create a specific voltage range. For example - An engineer is working on a circuit that will operate from four NiMH cells. They use V-Span to set a Vmax of 5.8 volts (to prevent over-voltage damage) and a Vmin of 3.6 volts (to ensure that the circuit doesn't reset). They now have a power supply which provides high-resolution analog control over the exact voltage range they need.

The PL-P series offers a comprehensive set of digital interfaces including RS232, USB and LAN (Ethernet) as standard, with GPIB optional.

The LAN interface is compliant with LXI-C. LXI (LAN eXtensions for Instrumentation) is the next-generation, modular architecture standard for automated test systems, and is expected to become the successor to GPIB in many systems.

## PL & PL-P series

- ▶ High performance power supplies
- ▶ Single, dual and triple outputs
- ▶ Linear regulation, 48W to 228W
- ▶ Manual or bus programmable
- ▶ RS-232, USB, LAN or GPIB



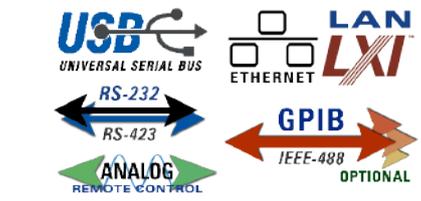
The PL series is the solution for users requiring an advanced linear regulated precision bench power supply that retains conventional analog controls.

Its ultra-compact design uses minimal space on the bench or in the rack.

The PL-P series offers the same manual control features but adds full remote control using analog, RS232, USB and LAN interfaces, the latter conforming with LXI.



For more information concerning LXI visit: [www.aimtti.com/go/lxi](http://www.aimtti.com/go/lxi)



### New triple output and high current single models



The New PL303QMT offers three full-performance linearly regulated outputs in a compact format.

Unlike many triple output PSUs, the third output has fully variable voltage and current with high resolution and selectable remote sense.

Voltage is variable from 0V to 6V with 1mV resolution, and current is fully variable up to 8A with 1mA or 0.1mA resolution.

All of the normal facilities including S-Lock and V-Span are included.

This high current module is also available as a single output power supply for low voltage but high current applications.