

The PLH series has been developed from the New PL series (see below) and retains all of its advanced features at output voltages of 120V or 250V.

Linear regulation offers the highest possible performance, and the compact quarter-rack width design provides an impressive 90 watts of power. A low current range provides 0.01mA resolution.

PLH-P series units have the same comprehensive set of interfaces as the PL-P (below), but with electrical isolation of the analog inputs.

Model	Outputs	Voltage / Current	Power	Interfaces
PLH120	One	0 to 120V / 0 to 0.75A	90W	-
PLH250	One	0 to 250V / 0 to 0.375A	94W	-
PLH120-P	One	0 to 120V / 0 to 0.75A	90W	RS232/USB/LAN
PLH250-P	One	0 to 250V / 0 to 0.375A	94W	RS232/USB/LAN

Brief specifications for main outputs:

Line & load regulation: <0.01%. Output noise: < 2mV rms.

Meter accuracies: voltage - 0.1% ± 1digit, current - 0.3% ± 3 digits.

Size: PLH - 105 x 130 x 290mm; PLH-P - 105 x 130 x 315mm



PLH & PLH-P series

- ▶ High voltage versions of PL Series
- ▶ Manual or bus programmable
- ▶ 90W power at 120V or 250V
- ▶ RS-232, USB, LAN or GPIB



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
PL303QMTP	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: <0.01%. Output noise: < 0.4mV rms.

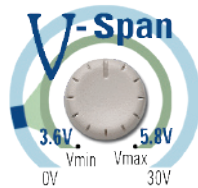
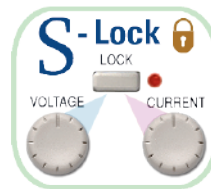
Meter accuracies: voltage - 0.1% ± 1digit, current - 0.3% ± 3 digits.

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 LAN/LXI 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 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.

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



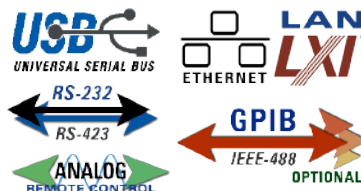
The New PL series is the solution for users requiring an advanced linear regulated precision bench power supply that retains conventional analog controls.

It's ultra-compact design uses minimal space on the bench or in the rack.

The New 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.

The New 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.



For more information concerning LXI visit:

www.aimtti.com/go/lxi

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