

QL & QL-P series

- ▶ High precision power supplies
- ▶ Single or triple outputs
- ▶ Linear regulation, 105W to 242W
- ▶ USB/RS232/GPIB/LAN interfaces



The QL series II represents the state-of-the-art in a linear regulated laboratory PSU.

Very high precision is matched by very low output noise. The digital user interface combines speed with safety.

Despite the compact dimensions, power is in excess of 100 watts per output, and multiple ranges provide higher current at lower voltages.

The series II models differ from the original series in having some additional features including 50 memories per output.

Triple output models incorporate a greatly enhanced auxiliary output with fully variable voltage and significantly higher output current.

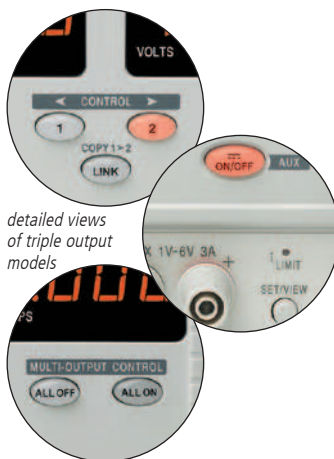
P versions include an LXI conformant LAN interface and provide full control and read-back of the auxiliary output. The remote command set is fully backwards compatible.

The triple output models incorporate two single output units plus an auxiliary low voltage output.

The auxiliary output is fully adjustable and its voltage and current can be read using the output one displays when required.

The two main outputs can be put into a linked mode for simultaneous or tracking control.

A master on/off system enables all three outputs to be switched synchronously. ▼



detailed views of triple output models

Model	Outputs	Voltage / Current	Power	Interfaces
QL355	One	0 to 35V / 0 to 3A or 0 to 15V / 0 to 5A	105W	-
QL564	One	0 to 56V / 0 to 2A or 0 to 25V / 0 to 4A	112W	-
QL355T	Three	2 x (0 to 35V / 0 to 3A or 0 to 15V / 0 to 5A) plus 1V to 6V @ 3A*	228W	-
QL564T	Three	2 x (0 to 56V / 0 to 2A or 0 to 25V / 0 to 4A) plus 1V to 6V @ 3A*	242W	-
QL355-P	One	0 to 35V / 0 to 3A or 0 to 15V / 0 to 5A	105W	USB/RS232/ LAN/GPIB
QL564-P	One	0 to 56V / 0 to 2A or 0 to 25V / 0 to 4A	112W	USB/RS232/ LAN/GPIB
QL355T-P	Three	2 x (0 to 35V / 0 to 3A or 0 to 15V / 0 to 5A) plus 1V to 6V @ 3A*	228W	USB/RS232/ LAN/GPIB
QL564T-P	Three	2 x (0 to 56V / 0 to 2A or 0 to 25V / 0 to 4A) plus 1V to 6V @ 3A*	242W	USB/RS232/ LAN/GPIB

Brief specifications for main outputs:
Line & load regulation: <0.01%. Output noise: <0.35mV rms.
Setting accuracies: voltage - 0.03% ± 5mV, current - 0.3% ± 0.5mA.
Sizes: singles - 141 x 172 x 300mm; triples - 282 x 172 x 300mm (WxHxD)
* Auxiliary output (1V to 6V/3A) does not use linear regulation

- ▶ Linear regulation with noise below 0.35mV rms
- ▶ 1mV setting resolution at all output voltages
- ▶ Setting by direct numeric entry or by spin wheel
- ▶ Multiple ranges for higher currents at lower voltages
- ▶ Multiple non-volatile setting memories with preview
- ▶ OVP and OCP trips with isolated alarm output
- ▶ Selectable remote sense for perfect regulation
- ▶ Linked-mode operation of main outputs (T models)
- ▶ Auxiliary output of 1V to 6V at 3A (T models)
- ▶ Compact modular width for bench or rack mounting
- ▶ GPIB, USB, RS232 & LAN interfaces (P versions)
- ▶ LAN interface conforms with LXI class C
- ▶ Front and rear mounted output terminals (P versions)



QL-P versions are fitted with rear power and sense terminals together with digital bus control interfaces.



NEW

QL Series II models with enhanced features and an extended range.