

Programmable Power Supply PCE-LPS 3305



Programmable Power Supply

Programmable Power Supply unit with software / with 2 additional fixed voltage regulators /
Current limiter circuit / short-circuit proof / 4 mm safety banana sockets

A Programmable Power Supply is used in the professional laboratory, for example in development. Such a programmable power supply helps the operator to provide the right voltages in a matter of seconds. Current limitation is also possible with this programmable power supply. In addition to a controllable output, this programmable power supply unit also has two different fixed voltage regulators of 12 and 5 V, each with 500 mA current.

In addition to the generation of specific voltages with the programmable power supply, voltages and currents can also be saved permanently and called up directly at a later time without having to reset the programmable power supply. It is also possible to connect the programmable power pack to a PC via the USB interface and to set it using the software. In addition, it is possible to generate a voltage and current curve using the software of the programmable power supply.

- 4 mm safety banana sockets
- adjustable via PC with software
- additionally with two fixed voltage regulators
- 1 adjustable output up to 30 V and 5 A.
- Handle for mobile use
- Ready for use immediately after switching on

Specifications

Input voltage	115/230 V, 50/60 Hz AC voltage (switchable) $\pm 10\%$
Fuse	115 V 4 AT / 230 V 2 AT
Output voltage (control output)	0 ... 30 V
Output current (control output)	0 ... 5 A DC
Output voltage (output 1)	12 V
Output current (output 1)	500 mA
Output voltage (output 2)	5 V
Output current (output 2)	500 mA
Stability	continuously variable voltage output: $1 \times 10^{-4} + 3 \text{ mV}$ continuously variable current output: $2 \times 10^{-3} + 3 \text{ mA}$ Fixed voltage outputs: $\leq 1\%$
Load stability	continuously variable voltage output: $\leq 1 \times 10^{-4} + 2 \text{ mV}$ ($I \leq 3 \text{ A}$) $\leq 1 \times 10^{-4} + 5 \text{ mV}$ ($I > 3 \text{ A}$) continuously variable current output: $\leq 2 \times 10^{-3} + 3 \text{ mA}$ ($I \leq 3 \text{ A}$) $\leq 2 \times 10^{-3} + 5 \text{ mA}$ ($I > 3 \text{ A}$) Fixed voltage outputs: $\leq 1\%$
Ripple / Noise	continuously variable voltage output: $\leq 0.5 \text{ mVeff}$ ($I \leq 3 \text{ A}$) $\leq 1 \text{ mVeff}$ ($I > 3 \text{ A}$) continuously variable current output: $< 3 \text{ mAeff}$ ($I > 3 \text{ A}$) Fixed voltage outputs: $\leq 10 \text{ mVeff}$
Overload protection	current limiting circuit
Voltage display	LED display $\pm 0.2\% + 2$ digits
Power indicator	LED display $\pm 1.0\% + 2$ digits
Dimensions (WxHxD)	170 x 160 x 250 mm
Weight	approx. 7 kg

More information

More product info



Similar products



Subject to change