

PeakTech 6227

DC switching power supply 0-60 V / 0-6 A with color LCD & 2 x USB

This newly developed laboratory power supply offers a controllable 0...60V or 0...6A DC main output with a maximum continuous power of 150W. For developers, this laboratory power supply offers two switchable USB outputs with their own LCD display with voltage and current values.

If you use a load up to 2.5A, you can set the output voltage up to 60V. If you want to use a higher current up to 6A, set the load to a maximum of 25V. Of course, all stages are also adjustable in between, e.g. 30V/5A, 40V/3.7A or 50V/3A.

The current and voltage setting also can be done when the output is switched off. By pressing the knob for current or voltage, the setting resolution can be fine/coarse switched from 1mA to 100mA or 10mV to 1V.

Due to the high range of functions and the simple operation with the best price-performance ratio, this laboratory power supply is ideal for the education, hobby, development and service sector.

- Blue LCD display showing the output voltage and current values
- Green LCD display showing the USB output voltage and current values
- 150W constant output power
- Adjustable voltage range: 0~60V at 0~2.5A and 0~25V at 2.5~6A
- Voltage and current pre-selection with switchable output
- C.C. (Constant Current) and C.V. (Constant Voltage) mode with connected load
- Protection against short circuit, overload and overtemperature
- Safety: EN 61010-1
- Accessories: Power cable, Connection Leads and Manual

Output Voltage	0 ~ 60 V DC (@2,5 A)
Output Current	0 ~ 6 A DC (@ 25 V)
Output Power	150 W
Display Resolution (V)	10mV
Display Resolution (A)	1mA
Setting Resolution (V)	10mV / 1V switchable
Setting Resolution (A)	1mA / 100 mA switchable
Ripple & noise	≤ 5 mV RMS; ≤ 20 mA RMS
Load regulation	≤ 0.05% + 5 mV, ≤ 0.5% + 5 mA
Line regulation	≤ 0.1% + 3 mV, ≤ 0.2% + 3 mA
Display accuracy	+/- 0,5% + 5 dgt.
Protection	Overload, overtemperature, short circuit
Operating voltage	115 / 240 V AC; 50/60 Hz
Dimensions (WxHxD)	80 x 160 x 260 mm
Weight	1,6 kg

