

Code: UT-P3305-II

LABORATORY POWER SUPPLY **UT-P3305-II** UNI-T

The UT-P3305-II laboratory power supply allows you to generate a constant voltage or current with strictly defined parameters. The device can work in one of two modes: as a source of constant voltage or as a source of constant current.

Additionally, the power supply adapter has the option of internal serial or parallel connection of outputs.



Output voltage range of the power adapter:	0 ... 32 V
Power supply output current range:	0 ... 5 A
Output power:	335 W
Setting resolution:	<ul style="list-style-type: none"> • Voltage : 10 mV • Current : 1 mA

Setting accuracy:	<ul style="list-style-type: none"> • Voltage $\pm (0.1\% + 60)$ mV • Current $\pm (0.3\% + 20)$ mA
Ripple and noise:	<ul style="list-style-type: none"> • Voltage : ≤ 1 mV RMS • Current : ≤ 3 mA RMS
Temperature coefficient:	<ul style="list-style-type: none"> • Voltage : ≤ 300 ppm/$^{\circ}$C • Current : ≤ 300 ppm/$^{\circ}$C
Response time:	< 100 μ s
Number of outputs:	3 : <ul style="list-style-type: none"> • 2x : 0 ... 32 V DC / 0 ... 5 A, • 1x : 5 V DC / 3 A
Display:	LED display - quadruple
Main features:	<ul style="list-style-type: none"> • High stabilization of output voltage and current : $< 0.01\% + 3$ mV / $\leq 0.2\% + 3$ mA, • Possibility of serial or parallel connection of outputs • In parallel mode, the maximum current is about 10A • In serial mode the maximum voltage is about 64V • Symmetric mode - in this mode it is possible to obtain a common ground for two power sources, with the maximum voltage of -32V and +32V respectively • Cooling is activated when the temperature exceeds the set limit • Overvoltage protection, Against reverse polarity of DC voltage
Power supply:	110 V AC / 120 V AC / 220 V AC / 230 V AC @ 50 / 60 Hz - selectable by switch
Operation temp. / Relative humidity:	0 $^{\circ}$ C ... 40 $^{\circ}$ C / $\leq 85\%$
Weight:	9.6 kg
Dimensions:	230 x 155 x 357 mm
Manufacturer / Brand:	UNI-T
Guarantee:	2 years