

PG-UL60 - Testing and Measuring Instrument

- 40 V / 40 A -

Product Description

The PG-UL60 is a testing and measuring instrument with which the customer can independently carry out calibrations of the Battery Charger / Analyzer UL60 and UL60-L. It is equipped with two integrated precision multimeters to facilitate current and voltage adjustment of the UL60, BT2000 and UL10.

Functions of the PG-UL60:

- **Calibration of voltage**
- **calibration of current**
- **Calibration of cell measurement**
- **Check the temperature gauge**



A high-precision shunt 10 mOhm $\pm 0.02\%$ is installed in the PG-UL60. This allows a precise measurement of the current output by the UL60 or comparable devices.

The voltage is displayed directly on the measuring device.

A high-precision voltage of 2.5 V is output to calibrate the cell voltages.

The measurements can be used for calibration:

- For the UL60 and UL60-L devices, calibration is carried out automatically. Corrections of values will be set through the guided menu navigation on the UL60 and UL60-L display
- For the UL10 and BT2000 devices, potentiometers may need to be set in these devices. This is only recommended for experts. The device must be opened for this.

In addition to the built-in measuring device, there is an output for an external multimeter with which you can check the information from the built-in measuring devices if necessary.

We recommend to do the calibration by yourself if you have more than 3 - 4 devices. With a lower number of devices, the purchase is not economically recommendable.



Technical Data

Product name:	PG-UL60
Part number:	PG-UL60.040000
Mains voltage:	230 VAC \pm 10% / 45-60 Hz
Mains fuse:	2 A
Input power:	50 VA
Input:	
Constant voltage U-Regulation:	0 - 40 VDC
Constant voltage I-Regulation:	0 - 40 ADC
Output:	
Voltage for displaying temperature:	3.00 V \pm 0.02V equals 300 K = 27°C
Voltage for cell measurement:	2.5000 \pm 0.001 V
Display:	Volt meter 0 - 40.000 V \pm 0.005 V Current meter 0 - 60.000 A \pm 0.01 A
Protection:	IP20
Ambient temperature:	0 to +45°C
Storage temperature:	-20 to +55°C
Dimensions (D x W x H in mm):	400 x 504 x 242
Weight:	10 kg in a 19" housing
Conformity declaration:	CE conformity
Accessories:	Test cable 025D

