1. ELECTRICAL SPECIFICATIONS

Accuracy is calculated as ± [% reading + (number of dgt) * resolution] at 18°C ÷ 28°C, <75%RH

MEASURED DC VOLTAGE

Range	Resolution	Accuracy	Input impedance	Overload protection
0.01 ÷ 100.00mV	0.01mV	±(0.02%rdg +4dgt)	1MΩ	30VDC
0.001 ÷ 10.000V	0.001V			

GENERATED DC VOLTAGE

Range	Resolution	Accuracy	Overload protection
0.01 ÷ 100.00mV	0.01mV	±(0.02%rdg +4dgt)	30VDC
0.001 ÷ 10.000V	0.001V		

MEASURED DC CURRENT

Range	Resolution	Accuracy	Overload protection
0.001÷24.000mA	0.001mA	±(0.02%rdg+4dgt)	max 50mA DC

GENERATED DC CURRENT (SOUR and SIMU features)

Range	Resolution	Accuracy	Percentage value	Overload protection
0.001÷24.000mA	0.001mA	±(0.02%rdg+4dgt)	0% = 4mA 100% = 20mA 125% = 24mA	max 30mA DC
-25.00 ÷ 125.00%	0.01%			

SOUR mode: 1kΩ @ 20mA ; SIMU mode → Loop voltage: 24V nominal, 28V maximum, 12V nominal

LOOP MODE

Range	Resolution	Overload protection
25VDC±10%	Non specified	30VDC

2. GENERAL SPECIFICATIONS

Display:

Characteristics:	5 LCD, double display, sign and decimal point
Overload indication:	"-**OL-**" at display

Power supply:

Rechargeable battery:	1x7.4/8.4V 600mAh Li-ION
Battery life:	approx 8 hours (@ SOUR mode 12mA, 500Ω) approx 15 hours (@ MEAS mode)
Alkaline battery:	1x9V type NEDA1604, 006P, IEC6F22

Mechanical characteristics:

Dimensions (L x W x H):	195 x 92 x 55mm
Weight (included battery):	400g

Environmental conditions of use:

Reference temperature:	18°C ÷ 28°C
Working temperature/humidity:	-10 ÷ 40°C / <75%RH
Storage temperature/humidity:	-20 ÷ 60°C / <75%RH

Standard guidelines:

Safety:	IEC/EN61010-1, CAT I 30V
Insulation:	double insulation
Pollution degree:	2
Max height of use:	2000m

This product conforms to the prescriptions of the European Directive LVD 2006/96/EEC and EMC directive 2004/108/EEC

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