

PROVA 8000 PROGRAMMABLE DC POWER SUPPLY



PROVA 8000

Specifications for PROVA 8000

Programmed Voltage and Current (5 minutes after power on)

	Range	Resolution	Accuracy	Comments
Voltage V (C.V.)	0 – 40V	1mV	0.05% ± 9mV	Typical ± 5mV
Current A (C.C.)	0 –5V	1mA	0.2% ± 9mA	Typical ± 5mA

C.V.: Constant Voltage C.C.: Constant Current

電壓表頭準確度：

	Range	Resolution	Accuracy
Voltage V (C.C.)	0 – 40V	1mV	0.1% ± 12mV
Current A (C.C.)	0.05 –5A	1mA	0.2% ± 12mA

C.V.: Constant Voltage C.C.: Constant Current

Load Regulation	1mV/A
Line Regulation	No effect if line voltage falls within 90V to 130V for 115V nominal, 200V to 240V for 230V nominal.
Fixed 5V / 2A Accuracy	5V ± 0.25V
Fixed 3.3V / 3A Accuracy	3.3V ± 0.16V



: When 5V or 3.3V output is less than 1V (shorted), the corresponding symbol will be shown in LCD to warn the users.

Ripple and Noise (0 ~ 40V, 0 ~ 5A)	<3mVrms (C.V.), typical 1mVrms
Ripple and Noise (0 ~ 40V, 0 ~ 5A)	<3mArms (C.C.), typical 1mArms
Ripple and Noise (5V/2A, 3.3V/3A)	10mVrms ~ 20mVrms, 10mArms ~20mArms
Temperature Coefficient	< 100ppm/
OCP Detection	Current A > 0.05A
C.V. or C.C. Detect and Display	Current > 0.05A
Power Source	115V (90V to 130V) or 230V (200V to 240V)
Accessories	power cord x 1, users manual x 1
Dimensions	310mm x 250mm x 133 mm / 12.2" x 9.8" x 5.2"
Weight	3.8kg / 8.4lbs