

PROGRAMMABLE POWER SUPPLY 40 V, 5 A



The **FA-405** is a 200W Power Supply that provides a continuous output. It is adjustable from 0 to 40 V and from 0 to 5 A.

The control of the power supply is totally digital. It has a large illuminated LCD display that makes it accurate and comfortable when setting the output conditions. It also has an output disconnection button to avoid breaking down the device by a programming mistake when user is changing adjustments. The power supply has OVP (over-voltage) protections, OCP (over-current) protections, OPP (overpower) protections and OTP (over-temperature) protections. They provide a safety work environment for users. A special button allows blocking controls for greater safety and it prevents settings from unintentional changes.

During the design of the **FA-405** it has been taken into account some careful considerations about safety without sacrificing the easy way of use.

The incorporation of a rotary knob as well as the buttons to program incremental changes (in percentage) provide a way of use really easy, which is uncommon in programmable power supplies. The use of switched technology provides a high power efficiency and a very good weight / power ratio. It has a RS-232C interface for remote programming by means of a PC.

SPECIFICATIONS	FA-405	LCD display with backlighting	Simultaneous presentation of current/limits, voltage, power and current; as well as exit-locking conditions and remote control.
Output voltage Output current	DC From 0 to 40 V 0 to 5 A	Remote control	RS-232C standard
Voltage regulation Voltage load regulation Voltage line regulation	≤ 10 mV ≤ 0.05 %	Additional security	Exit key ON / OFF Blocking controls key
Current regulation Current load regulation Current line regulation	≤ 5 mA ≤ 0.05%	Operating Environmental Conditions Temperature range Relative humidity Altitude	From 5 to 40 °C 80 % max. (no condensing) Up to 2000 m. Indoor use Over-voltage Category installation II Pollution degree 2
Ripple Voltage (mV effective value) Current (mV effective value)	≤ 20 mV ≤ 10 mA	Storing	- 10 °C to + 70 °C
Resolution of programming and measurement Voltage Current	10 mV 2 mA	Power supply	AC 115 V / 230 V ± 15%, 50/60 Hz
Accuracy of programming and measurement Voltage Current	± 0.05 % reading + 3 digits ± 0.1% reading + 5 digits	Consumption	Up to 420 W
Incremental Control	Programmable from 0 to ± 50%	Accessories	Power Cord, User's manual
Protections	OVP/OCP/OPP/OTP	Mechanical features Dimensions Weight	W. 225 x H. 100 x 305 D. mm 4 kg

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE