



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 | Incremental Control | Programmable from 0 to $\pm 50\%$ |
|---|---|---|---|
| Output voltage Output current | DC From 0 to 40 V 0 to 5 A | Protections | OVP/OCP/OPP/OTP |
| Voltage regulation Voltage load regulation Voltage line regulation | ≤ 10 mV $\leq 0.05\%$ | LCD display with backlighting | Simultaneous presentation of current/limits, voltage, power and current; as well as exit-locking conditions and remote control. |
| Current regulation Current load regulation Current line regulation | ≤ 5 mA $\leq 0.05\%$ | Remote control | RS-232C standard |
| Ripple Voltage (mV effective value) Current (mV effective value) | ≤ 20 mV ≤ 10 mA | Additional security | Exit key ON / OFF Blocking controls key |
| Resolution of programming and measurement Voltage Current | 10 mV 2 mA | Power supply | AC 115 V / 230 V $\pm 15\%$, 50/60 Hz |
| Accuracy of programming and measurement Voltage Current | $\pm 0.05\%$ reading + 3 digits $\pm 0.1\%$ reading + 5 digits | Consumption | Up to 420 W |
| | | Accessories | Power Cord, User's manual |
| | | 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

