



PS-6005D

Regulated Power Supply

0-60VDC @ 5A

The Wavecom PS-6005D regulated Power Supply is the most economical in the market that has more precision and stability than most units.

It is a simple single channel, constant-voltage and constant-current Power Supply with low ripple and noise, high reliability and high accuracy.

The unit comes with overload, short circuit & overheating protection which meets the needs of development, laboratory, training and production applications.

Applications of use vary from R & D, Quality control and inspection, school laboratories, automatic testing on production lines, to electronic repairs.



Features

- ◆ Complete digital control / programmable
- ◆ 10 mV / 1 mA resolution
- ◆ Low noise and ripple
- ◆ CV / CC constant voltage & constant current modes
- ◆ Settable OCP & OVP, constant protection mode
- ◆ 5 Sets of parameters can be stored and recalled
- ◆ Output switch control
- ◆ Power-off memory function
- ◆ Keyboard lock function to prevent operator errors
- ◆ Interfaces on programmable models
- ◆ Easy alternative to the traditional digital-display power supplies

Contact us

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Distributed By





SPECIFICATIONS

PS-6005D

| Function | Voltage Range 0-60V | Current Range 0-5A |
|-----------------------------|--|-----------------------------------|
| Load Regulation | $\leq 0.01\% + 2\text{mv}$ | $\leq 0.1\% + 5\text{mA}$ |
| Line Regulation | $\leq 0.01\% + 3\text{mv}$ | $\leq 0.1\% + 3\text{mA}$ |
| Setup Resolution | 10mV | 1mA |
| Setup Accuracy (25°C + 5°C) | $\leq 0.5\% + 20\text{mV}$ | $\leq 0.5\% + 10\text{mA}$ |
| Ripple (20hz-20M) | $\leq 2\text{mV Rms}$ | $\leq 5\text{mA Rms}$ |
| Temp. Coefficient | $\leq 100\text{ppm} + 10\text{mV}$ | $\leq 100\text{ppm} + 5\text{mA}$ |
| Read Back Accuracy | 10mV | 1mA |
| Read Back Temp. Coefficient | $\leq 100\text{ppm} + 10\text{mV}$ | $\leq 100\text{ppm} + 5\text{mA}$ |
| Reaction Time | 100mS | 100mS |
| Operation Environment | Indoor use, Altitude: $\leq 2000\text{m}$ Ambient temperature 0-40°C Relative humidity $\leq 80\%$ | |
| Interfaces | Optional Interfaces (for programmable models only): RS232, USB | |
| Accessories | User manual, Power cord (1.2M) | |
| Weight and Dimension | 4.5kg / 110(W)x156(H)x260(D) | |
| Storage Environment | Ambient temperature—10°C—70°C Relative humidity $\leq 70\%$ | |



Order Information

Power Supply

| Part No: **WCM—PS-6005D**

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