

MPS-3003D / MPS-3005D
Single-output Adjustable DC Power Supply with Fixed
5V/1A Output



Specification

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Single-output Adjustable DC Power Supply with Fixed
5V/1A Output

Model	Output	Fixed 5V/1A output
MPS-3003D	30V/3A	yes
MPS-3005D	30V/5A	yes

Specification

- Main power source: 220V±10%, 50/60Hz±2Hz; 110/220V±10% selectable, 50/60Hz±2Hz (customer optional)
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- **Constant Voltage Operation**
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- Line regulation CV ≤0.01%+2mV
- Load regulation CV ≤0.01%+2mV
- Riple&Noise : CV ≤1mV (rms)
- Temperature coefficient ≤150ppm/°C
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- **Constant Current Operation**
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- Line regulation: CC≤0.2%+2mA

- Load regulation : $CC \leq 0.2\% + 5\text{mA}$
- Temperature coefficient: $\leq 500\text{ppm}/^\circ\text{C}$
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- **Fixed 5V/1A Output**
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- Voltage accuracy: $\pm 1\%$
- Riple&Noise: $CV \leq 2\text{mV}(\text{rms})$
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- **Display accuracy**
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- 3 and 1/2 digits LED $\leq 0.1\% + 1\text{d}$
- Recover time: $\pm 100\mu\text{S}$
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- **Weight and Dimension**
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- Weight (kg): 4.8 for MPS-3003D, 5.6 for MPS-3005D
- Dimension (L×W×H) : 335x130x165mm

NOTE :

- Two Digital Panel Meters
- 3 and 1/2 digits LED display
- Constant Voltage and Constant Current operation
- High Efficiency, Light and Compact Design
- High Power Density
- Overload and Reverse Polarity Protection
- 5V/ 1A fixed output