

### Features

- Single Output DC Power Supply
- 30 V/ 3A Adjustable Output
- 5V/ 1A fixed output
- 12V/ 1A fixed output
- Two Digital Panel Meters
- 3 1/2 digits LED display
- Constant Voltage
- Constant Current operation
- High Efficiency
- Light and Compact Design
- High Power Density
- Overload Protection
- Reverse Polarity Protection



MP-3003

SPECIFICATIONS	
<b>Constant Voltage Operation</b>	
Range	0 ~ 30 V
Line regulation	CV $\leq 0.01\% + 2\text{mV}$
Load regulation	CV $\leq 0.01\% + 2\text{mV}$
Ripple & Noise	CV $\leq 1\text{mV (RMS)}$
Temperature coefficient	$\leq 150\text{ppm}$
<b>Constant Current Operation</b>	
Range	0 ~ 3 A
Line regulation	CC $\leq 0.2\% + 2\text{mA}$
Load regulation	CC $\leq 0.2\% + 5\text{mA}$
Temperature coefficient	$\leq 500\text{ppm}$
<b>Fixed 5V/1A and 12V/1A Output</b>	
Voltage accuracy	$\pm 1\%$
Ripple & Noise	CV $\leq 2\text{mV (RMS)}$
<b>Display accuracy</b>	
3 1/2 digits LED	$\leq 0.1\% + 1$
Recover time	$\pm 100\mu\text{S}$
<b>Weight and Dimension</b>	
Weight (kg)	3.8
Dimension L×W×H	335x130x165mm
<b>Main Power Supply</b>	
Main power source	220V $\pm 10\%$ , 50/60Hz $\pm 2\text{Hz}$