

### Features

- Dual Output DC Power Supply
- Two 30 V/ 5A Adjustable Outputs
- 5V/ 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-3005D**

### SPECIFICATIONS

#### Voltage

Range	0 ~ 30 V x 2
Line regulation	CV≤ 0.01%+3mV CC≤ 0.2%+3mA
Load regulation	CV≤ 0.01%+3mV( rating current ≤ 3A ) CC≤ 0.2%+3mA( taking current≤3A )
Load regulation	CV≤ 0.02%+5mV( rating current >3A) CC≤ 0.2%+5mA( taking current>3A)
Recovery time	≤ 100 μS
Ripple & noises	CV≤ 3mV( RMS)
Temperature coefficient	≤ 300ppm

#### Current

Range	0 ~ 5 A x 2
Line regulation	CC≤ 0.2%+3mA
Load regulation	CC≤ 0.2%+3mA
Ripple & noise	CC≤ 3mA( RMS)

#### Tracking Operation

Parallel operation	
Line regulation	≤ 0.01%+3mV
Load regulation	≤ 0.01%+3mV( rating current ≤ 3A ) ≤ 0.02%+5mV( rating current3A )
Series operation	
Line regulation	≤ 0.01%+5mV
Load regulation	≤ 300mV
Positive & Negative supply	
Slave tracking error	≤ 0.5%+10mV of the master (No load; if load, please add load regulation ≤ 300mV)

#### Meter

Voltage display	3 1/2 Digits panel meter (± 0.51% of RDG +2 digits)
Accuracy	3 1/2 Digits panel meter (± 1% of RDG +2 digits)

#### Fixed 5V/1A Output

Voltage accuracy	5V±0.25V
Output current	1A
Line regulation	≤ 5mV
Load regulation	≤ 15mV
Ripple & Noise	≤ 2mV( RMS)

#### Main Power Supply

220V±10%, 50/60Hz±2Hz