

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