



Current Adjustment Knobs

ON/OFF Switch

Variable Channels Output Terminals

Fixed Channel Output Terminals



Voltage Adjustment Knobs

“Core technology” uses high quality highly reliable type Toroidal Transformer

- Much more reliable and safer than switching power supply
- Uses high quality & thermostable full copper enamel wire
 - Free from electromagnetic radiation and vibration noise
 - Durable for long term full load operation due to low temperature rise.



Bigger heat sinks for cooling avoids overheating in continuous operation

Model IPS35003 variable DC Power Supply is a stabilized triple output DC Power Supply which allows continuous adjustment of both the output voltage and current levels for day-to-day use in lab environment. It has 3 outputs. 2 are continuously variable from 0~50VDC/3A and one 1 output is fixed at 5V/3A. Both series and parallel connections merely with pressing of the in-built switches, provide either 0~100VDC/3A or 0~50VDC/6A.

Features:

- Reliable LED display for voltage and current
- Large size display for clear read-out
- Multi-turn pot for precise voltage setting
- Can be used continuously under full-load

Scope of Supply

- DC Power Supply
- Power Cord
- Instruction Manual

Specifications:

Input Voltage	230VAC, 50Hz ±10%
Output 1&2	0~50V/0~3A
Output 3	5V/3A (Fixed)
Output 4 (Series)	0~100V/3A (max.)
Output 5 (Parallel)	0~50V/6A (max.)
Line Regulation (Output 1&2)	CV≤0.1% +2mV; CC≤1% +2mA
Line Regulation (Output 3)	CV≤0.1% +1mV
Load Regulation (Output 1&2)	CV≤0.1% +3mV(I≤3A); CC≤1% +3mA(I≤3A) CV≤0.1% +5mV(I>3A); CC≤1% +5mA(I>3A)
Load Regulation (Output 3)	≤0.1%
Ripple & Noise (Output 1&2)	CV≤0.5mVrms(I≤3A); CC≤3mArms(I≤3A) CV≤1.0mVrms(I>3A); CC≤6mArms(I>3A)
Ripple & Noise (Output 3)	≤0.5mVrms
Voltage Indication Accuracy	LED±1% +2 digits
Current Indication Accuracy	LED±2% +2 digits
Protection	Constant current and short circuit protection
Dimensions & Weight (approx.)	365x260x165mm, 8.5kg

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Warranty is 12 months from the date of invoice. It excludes any mechanically damaged part.