INTRODUCTION

The Metravi RPS Series DC Regulated Power Supplies with Single, Double & Triple Output options, feature back-lit LCD displays and utilise SMT technology. These are reliable, heavy-duty DC power supplies, suitable for lab work, research, R&D, and industrial use. The linear design makes for quiet, stable operation with virtually no ripple and minimal delay during conversion, transformation, and adjustment.

Widely used in production line test, electrical maintenance, aging products, battery charging, laboratories, scientific research and teaching and many other areas.

GENERAL SPECIFICATIONS

- Two operational modes: Constant Voltage Mode and Constant Current Mode
- Built-in High Current Limiting for protection
- Built-in thermo-sensor-activated cooling fan
- Low noise and ripple
- Highly reliable OCP protection
- Keyboard lock function to prevent operator errors
- Large Dual 4 digit LED display for voltage and current
- Coarse and fine adjustments of voltage and current
- Protection mode: voltage or current limitation
- Output connectors: insulated safety plugs
- Organic glass front panel / other panels made of steel
- Low noise temperature controlled fan
- Button lock function
- Constant voltage / constant current
- Fuse-protected

TECHNICAL SPECIFICATIONS

Models	RPS-3002	RPS-3005	RPS-6005	RPS-3002-2	RPS-3005-2	RPS-3002-3	RPS-3003-3	RPS-3005-3
Input Voltage	220V / 110V ±10% 5-60Hz							
Output Voltage	0 - 30V		0 - 60V	0 - 30V x 2		0 - 30V x 2, 5V		
Current Stepwise	0 - 2A	0 - 5A		0 - 2A x 2	0 - 5A x 2	0 - 2A x 2, 3A	0 - 3A x 2, 3A	0 - 5A x 2, 5A
Output Current								
Line Regulation	CV ≤ 0.02% + 2mV CC ≤ 0.05% + 5mA							
Load Regulation	CV ≤ 0.02% + 2mV CC ≤ 0.05% + 5mA							
Ripple and Noise	CV ≤ 0.5mV CC ≤ 2mA							
Operating Temperature	0 - 40°C							
Operating Humidity	≤90%							

*Technical Specifications & Appearance are subject to change without prior notice