

## Dual DC Power Supply 30-0-30V/0-2A

**Model : S-3022**



**SINC COM S-3022 Dual DC Power Supply** is an exceptional equipment that provides a Dual DC power supply with a range of 0-30V and 0-2A. It features to used as two independent channel Single DC Power Supply OR one Dual Channel DC Power Supply, four digital meters for monitoring voltage and current, and is equipped with short-circuit protection. Furthermore, it offers the convenience of controlling both channels voltage and current, with adjustable ranges of 0-30V and 0-2Amp, through coarse and fine control for each channel.

### Features

- ❖ Toroidal Transformer based Dual DC Power Supply
- ❖ Facility to Used as Two Single OR One Dual DC Power Supply
- ❖ Constant Voltage & Constant Current Mode
- ❖ Digital Volt and Current Meters for each channel
- ❖ Coarse and Fine Control for Voltage and Current for each channel
- ❖ Facility to set Voltage and Current for each channel
- ❖ Short Circuit Indicator

### Technical Specifications

- |                         |   |
|-------------------------|---|
| ▪ AC Input Voltage      | : AC 230V $\pm$ 10%, 50Hz                             |
| ▪ DC Output Voltage     | : Dual Tracking 0 to 30V                              |
| ▪ DC Output Current     | : 0 to 2 Amp.   |
| ▪ Supply Mode Selector  | : Single / Dual Power Supply                          |
| ▪ AC Input Protection   | : Using Panel Mounting Glass Cartridge Fuse           |
| ▪ Protection            | : Automatic Overload & Short Circuit Protection       |
| ▪ Line Regulation       | : For 230V $\pm$ 10% mains Variation, less than 0.05% |
| ▪ Load Regulation       | : less than 0.05% from full load to No load condition |
| ▪ Ripple Voltage        | : Less than 3mV RMS                                   |
| ▪ Mode of Operation     | : Constant Voltage & Constant Current Mode.           |
| ▪ Voltage Display Meter | : Two 4 Digit 7 Segment LED Display for both channel  |
| ▪ Current Display Meter | : Two 4 Digit 7 Segment LED Display for both channel  |
| ▪ Voltage Control By    | : Voltage Coarse & Fine Control for each channel      |
| ▪ Current Control By    | : Current Coarse & Fine Control for each channel      |
| ▪ Weight                | : 5.0 kg (approx)                                     |
| ▪ Dimensions (mm)       | : L 320 x W 240x H 100                                |
| ▪ Operating Temperature | : 0-55 <sup>o</sup> C, 85% RH                         |

**Accessories Included :** Set of Test Probe