



## Positive & Negative Regulated Fixed output Power Supply



MODEL-RPS12-5 OPMP

### TECHNICAL SPECIFICATIONS

#### Fixed Regulated Outputs.

|                   |                                                                        |
|-------------------|------------------------------------------------------------------------|
| Positive Voltages | : 5.0 Volt & 12.0 Volt ( $\pm 0.05\%$ )                                |
| Negative Voltages | : 5.0 Volt & 12.0 Volt ( $\pm 0.05\%$ )                                |
| Current           | : 1.0 A Max. with Each channel simultaneously                          |
| Line Regulation   | : $<0.1\% \pm 5\text{mV}$ for 10% of Mains 230 Volt (207VAC to 253VAC) |
| Load Regulation   | : $<0.5\% \pm 5\text{mV}$ for load change from 0 to full load          |
| Ripple & Noise    | : $<10\text{mV}$ max.                                                  |

### INDICATIONS

|               |                                                          |
|---------------|----------------------------------------------------------|
| Power On      | : LED Mounted on the front panel Lights as GREEN         |
| Short Circuit | : LED Lights as RED                                      |
| Protections   | : Over load and Short Circuit Protections                |
| Input Mains   | : 230VAC $\pm 10\%$ , 50Hz, Single Phase (110V optional) |

### SERIES COMBINATIONS

|                                           |                                                |
|-------------------------------------------|------------------------------------------------|
| Channel 1 & 2 ( $\pm 5$ & $\pm 12$ Volts) | : 34 Volts                                     |
| Operating Temperature                     | : $0-50^\circ\text{C} \pm 10\%$ .              |
| Line Voltage                              | : 230V AC $\pm 10\%$ 50Hz, single phase        |
| Dimensions**                              | : 65.0mm(Height) 165.0mm(Width) 170.0mm(Depth) |
| Weight                                    | : 2.5kg(Approx.)                               |

*Note: Sai Systems reserves the right to specifications and are subject to change without notice. \*With constant line, load and ambient temperature conditions. \*\* All dimensions are behind the panel 4 excluding legs*