

# PS-12

## IC Regulated Power Supply



### Introduction

PS-12 is general purpose power supply consists of four independent fixed voltage regulated sources viz. +12 V, -12 V, +5 V and -5 V referred to a common ground. The current rating for each is specified at 300 mA, although it is possible to exceed this limit safely when all four sources are not operating simultaneously. The compact power supply unit is well suited for any general laboratory which uses linear and digital circuits and IC's. At the same time the excellent performance of the 3-terminal regulators enables the supplies to be used equally satisfactorily for sophisticated instrumentation applications. The built-in protection of the regulator in the form of over current and safe area shutdown ensure continued fault free operation of the unit without any maintenance.

### Specifications

Output voltage	: +12 V, -12 V, +5 V, -5 V fixed
Current	: 300 mA (each supply)
Line Regulation	: $\pm 0.05\%$ for 10 % variation of mains voltage.
Load Regulation	: $\pm 0.1\%$ for a full load of 300 mA
Protection	: Thermal and overcurrent.
Dimensions	: 210 m.m. X 180 m.m. X 100 m.m.
Weight	: 2.25 Kg