

## INTRODUCTION

RPS-3030, RPS-6020 and RPS-6030 series of Adjustable DC Voltage and Current Regulated Power Supply is a kind of high precision DC Power Supply with output of continuously adjustable voltage and automatic switch between voltage regulation and current regulation. The output voltage is adjustable starting from Zero Volt and can be set arbitrarily in the rated range. When it is in the status of regulated current, the current regulated is continuously adjustable in the rated range. Output voltage and current are displayed by LEDs



Model	RPS-3030	RPS-6020	RPS-6030
Rated Voltage	0-30V	0-60V	0-60V
Rated Current	0-30A	0-20A	0-30A

## TECHNICAL SPECIFICATIONS

<b>Input Voltage</b>	: AC 220V $\pm$ 5%
<b>Output Voltage</b>	: As per the table given above
<b>Output Current</b>	: As per the table given above
<b>Source Regulation</b>	: $1 \times 10^{-3} + 5\text{mV}$
<b>Load Regulation</b>	: $1 \times 10^{-3} + 5\text{mV}$
<b>Ripple &amp; Noise</b>	: $\leq 1\text{mVrms}$
<b>Protection</b>	: Current-limiter Protection
<b>Voltage Display Accuracy</b>	: $\pm 1\% \pm 3\text{d}$
<b>Current Display Accuracy</b>	: $\pm 2\% \pm 3\text{d}$
<b>Working Environment</b>	: 0 ~ 40°C
<b>Relative Humidity</b>	: < 90% R.H.

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