

### FEATURES

- It features low ripple and high stability.
- Utilizes SMT technology.
- LCD display to show regulated voltage and current Green/Amber LCD back-light
- Auto interchangeable of regulated voltage and current
- Multi-turn variable device to provide high precision voltage setting
- Step-by-step current limit setting
- Auto-tracking on PARALLEL and SERIAL working condition
- Extended output terminal connection
- Continuously working under full loaded condition

### GENERAL SPECIFICATION

RPS-3000 series Regulated DC Power Supply comprises the following models:

- RPS-3002: Single 0~30V, 0~2A  
 RPS-3005: Single 0~30V, 0~5A  
 RPS-6002: Single 0~60V, 0~2A  
 RPS-6005: Single 0~60V, 0~5A  
 RPS-3005-2: Dual 0~30V, 0~5A  
 RPS-3002-3: Dual 0~30V, 0~2A and Fixed 5V,3A  
 RPS-3005-3: Dual 0~30V, 0~5A and Fixed 5V,3A



### TECHNICAL SPECIFICATION

Models	RPS-3002	RPS-3005	RPS-6002	RPS-6005	RPS-3003-2	RPS-3005-2	RPS-3002-3	RPS-3005-3
INPUT VOLTAGE	220V / 110V ±10% 50~60Hz							
OUTPUT VOLTAGE	0 ~ 30V		0 ~ 60V		0 ~ 30V x 2		0 ~ 30V x 2, 5V	
CURRENT STEPWISE	20mA±2mA	50mA±5mA	20mA±2mA	50mA±5mA	20mA±2mA	50mA±5mA	20mA±2mA	50mA±5mA
OUTPUT CURRENT	0 ~ 2A	0 ~ 5A	0 ~ 2A	0 ~ 5A	0 ~ 2A x 2	0 ~ 5A x 2	0 ~ 2A x 2, 3A	0 ~ 5A x 2, 3A
LINE REGULATION	CV ≤ 0.02% + 2mV CC ≤ 0.05% + 5mA							
LOAD REGULATION	CV ≤ 0.02% + 2mV CC ≤ 0.05% + 5mA							
RIPPLE & NOISE	CV ≤ 0.5mV CC ≤ 2mA							
OPERATING TEMPERATURE	0~40°C							
RELATIVE HUMINIDTY	≤ 90%							

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