

# DC POWER SUPPLY

## Model KM-PS-302D-II/303D-II/305D-II

**NEW**

Preliminary Data

**APPLICATION :**

- Educational Laboratories
- All other areas need DC Power Supplies
- Suitable for the Laboratory, Electronic, Communication equipments maintenance, products line, Scientific research & teaching units.
- Electronic Production Line
- Communications Industry
- Product research
- Products related to auto / products related to electron / products related to computer, Research Institutions, Educational Institutions can use it.

**FEATURE :**

- Two Adjustable outputs & one 5V / 3A fixed output.
- Two-way regulated power supply can be randomly in series, in parallel or in dependently according to requirements. And do not need external connection, just control by switch.
- Have constant Voltage & constant current operation mode. C.C & C.V convert automatically.
- Low Ripple & Noise.
- 4 groups 3 LED Digital Display.
- Have Current limitation protection.

**GENERAL SPECIFICATIONS :**

- **Input Voltage :** 220V  $\pm$  10%; 50Hz  $\pm$  2Hz or 110V  $\pm$  10%; 60Hz  $\pm$  2Hz
- **Operating Temperature & Humidity :** 0°C ~ 40°C; <80%RH.
- **Storage Temperature & Humidity :** -10°C ~ 70°C; <70%RH.
- **Output Voltage :** 2 X 0 ~ 30V
- **Output Current :** 2 X 0 ~ 2A(KM-PS-302D-II); 2 X 0 ~ 3A(KM-PS-303D-II)  
2 X 0 ~ 5A(KM-PS-305D-II)
- **Series Voltage / Current :** 0 ~ 60V / 0 ~ 5A
- **Parallel Voltage / Current :** 0 ~ 30V / 0 ~ 10A  
Current Effect : CV  $\leq$  1x10<sup>-4</sup>+ 0.5mV; CC  $\leq$  2x10<sup>-3</sup>+ 6mA
- **Load Effect :** CV  $\leq$  1x10<sup>-4</sup>+ 2mV (output current  $\leq$ 3A)  
 $\leq$  1x10<sup>-4</sup>+ 5mV (output current >3A)  
CC  $\leq$  2x10<sup>-3</sup>+ 6mA
- **Voltage Display Accuracy :**  $\pm$ 1% + 2 dgts
- **ACCESSORIES :** User Manual & Mains Power Cord.
- **Ripples & Noises :** CV  $\leq$  0.5mVrms (output current  $\leq$ 3A)  
 $\leq$  1.0mVrms (output current >3A)  
CC  $\leq$  3mArms
- **Current Display Accuracy :**  $\pm$ 2% + 2 dgts
- **5V Regular output power supply :**  
Nominal output voltage : 5V  $\pm$  3%  
Nominal output current : 3A  
Current Effect :  $\leq$  1x10<sup>-4</sup>+1mV  
Load Effect :  $\leq$  1x10<sup>-3</sup>  
Ripples & noises :  $\leq$  0.5mVrms
- **Dimension :** 340 x 260 x 155mm

All Specifications are subject to change without prior notice.