

## SINGLE OUTPUT POWER SUPPLY

MODEL-KM-PS-302AB/303AB/305AB



### FEATURES :

- High Stability
- ON/OFF output switch
- Fixed 3.3V / 5V Supply output
- Constant Current / Constant Voltage auto switch
- Coarse & fine adjustment setting for both Voltage & Current.
- Full scale long duration time output.
- 3 digit display for Voltage & Current function respectively.

### SPECIFICATIONS :

#### 1) Variable Output :

Output Voltage : 0 ~ 30V  
 Output Current :  
     0 ~ 2A Model-KM-PS-302AB  
     0 ~ 3A Model-KM-PS-303AB  
     0 ~ 5A Model-KM-PS-305AB

Source regulation :  $\leq 0.01\% + 3mV$   
 Load regulation :  $\leq 0.01\% + 3mV$   
 Ripple & Noise :  $\leq 1mV$  (rms)  
 Display error :  $\leq 0.5\% + 1$  digit

#### 2) Fixed output

Output Voltage : Fixed 5V / 3.3V  
 Output Current : 1A  
 Source regulation :  $\leq 5mV$   
 Load regulation :  $\leq 15mV$   
 Ripple & Noise :  $\leq 2mV$  (rms)

3) Power Supply : 220V  $\pm$  10%

4) Weight : 5.5kg approx

5) Dimensions : 120 x 150 x 270mm

## DUAL OUTPUT POWER SUPPLY

MODEL-KM-PS-302DII/303DII/305DII



### FEATURES :

- High Stability
- ON/OFF output switch
- Fixed 5V Supply output
- Coarse & fine adjustment setting for both Voltage & Current.
- Full scale long duration time output.
- 3 digit display for each Voltage & Current function.

### SPECIFICATIONS :

#### 1) Variable Output :

Dual Output Voltage : 0 ~ 30V  
 Dual Output Current :  
     0 ~ 2A Model-KM-PS-302DII  
     0 ~ 3A Model-KM-PS-303DII  
     0 ~ 5A Model-KM-PS-305DII

Constant Voltage (0 to nominal value continuously variable)	Stability	Voltage : $<0.01\% + 2mV$ Load : $<0.01\% + 2mV$
	Recovery Time	$\leq 100\mu S$
	Ripple & Noise	$\leq 1mVrms$ (efficient value)
	Temperature factor	$\leq 300$ ppm / °C
Constant Current (0 to nominal value continuously variable)	Stability	Current : $<0.2\% + 3mA$ Load : $<0.2\% + 3mA$
	Ripple & Noise	$\leq 3mA$ rms

#### 2) Fixed output

Output Voltage : 5V.  
 Output Current : 2A  
 Source regulation :  $\leq 5mV$   
 Load regulation :  $\leq 15mV$   
 Ripple & Noise :  $\leq 2mV$  (rms)

3) Power Supply : 220V  $\pm$  10%

4) Weight : 10kg approx

5) Dimensions : 240 x 150 x 270mm