

# Multi-Channel Adjustable DC power supply

DPS-3202TK-3/3203TK-3/3205TK-3

## Feature:

- Dual channel adjustable 0-30V, 0-2A/3A/5A output
- Fixed 2.5V/3.3V/5V/3A selectable output
- Over voltage and current protection.
- Low ripple noise and low temperature drift in Constant Voltage and Current mode
- CH1mA output Switch Operation
- Preset current limit point
- Output standby function
- Series or parallel inner connection in Tracking mode
- In series mode, unit can be connected as positive and negative supply
- Dual-color four LED Digital Panel Meters Voltage and Current Display
- Intelligent fan control



## Specification

### INPUT VOLTAGE

Input Voltage: 220VAC  $\pm 10\%$  50/60Hz  
 Output Voltage: 0-30V  
 Output Current: 2A/3A/5A  
 Operation Temperature: 0-40°C  
 Operation Humidity:  $\leq 80\%$

### OPERATION MODE

Independent: Two independent outputs, 2.5V/3.3V/5V fixed output  
 Series: 0-60V/2A/3A/5A  
 Parallel: 0-30V/4A/6A/10A

### CONSTANT VOLTAGE

Line regulation:  $CV \leq 0.01\% + 5mV$   
 Load regulation:  $CV \leq 0.01\% + 5mV$   
 Ripple & Noise:  $\leq 5mVR.m.s$

### CONSTANT CURRENT

Line regulation:  $CC \leq 0.2\% + 5mA$   
 Load regulation:  $CV \leq 0.2\% + 5mV$   
 Ripple & Noise:  $CC \leq 3mAR.m.s$

### SERIES & PARALLEL MODE

Parallel:  
 Line regulation:  $CC \leq 0.01\% + 5mA$   
 Load regulation:  $CV \leq 0.01\% + 5mV$

### Series:

Line regulation:  $CC \leq 0.01\% + 5mA$   
 Load regulation:  $CV \leq 0.01\% + 5mV$

### METER

Voltage display: 3&1/2 digits panel meter, accuracy:  $\pm 0.5\% + 2$  digits  
 Current display: 3&1/2 digits panel meter, Current (A)  $\leq \pm 1\% + 2d$ , (mA)  $0-100mA \pm 1mA$ ,  $100-900mA \pm 2mA$

### FIXED OUTPUT

Output Voltage: 2.5V/3.3V/5V  $\pm 0.1V$   
 Output Current: 3A  
 Line regulation:  $\leq 5mV$   
 Load regulation:  $\leq 15mV$   
 Ripple & Noise:  $\leq 2mVR.m.s$   
 Protection: Current Limited and Short Circuit Protection  
 Weight: 7KG  
 Size: 300mm  $\times$  220mm  $\times$  150mm