

# 直流電源供應器

# DC POWER SUPPLY

- 過電流保護功能
- 定電壓、定電流、低紋波雜訊
- 可預設限流點
- 機器內部自動連接成串並聯模式無需外部連線
- 串聯模式下可構成正負電源輸出
- 多圈電位器使設定電壓值更容易
- 環型變壓器體積小、重量輕





# DC Power Supply

## YTD-1000

功能特點：

兩個數位表頭顯示

- 定電壓、定電流工作模式
- 高效率、重量輕、體積小
- 高功率密度
- 輸出關斷功能
- 過載與極性反向保護功能



MODEL NAME	YTD1303		YTD1305		YTD1603	
OUTPUT VOLTAGE	0~30V	Fixed 5V	0~30V	Fixed 5V	0~60V	Fixed 5V
OUTPUT CURRENT	0~3A	Fixed 1A	0~5A	Fixed 1A	0~3A	Fixed 1A
CONSTANT VOLTAGE	<div>≤0.01%+2mV</div> <div>≤0.01%+2mV</div> <div>≤50us (50 to 100 Load Change)</div> <div>≤1mVrms</div> <div>≤150ppm</div>					
Load Regulation						
Line Regulation						
Recovery Time						
Ripple & Noise						
Temp. Coefficient						
CONSTANT CURRENT	<div>≤0.2%+2mA</div> <div>≤0.2%+5mA</div> <div>≤3mA rms</div>					
Load Regulation						
Line Regulation						
Ripple & Noise						
INDICATOR METER						
Voltage Meter    Display Range	30V		30V		60V	
Display Resolution	100mV					
Display Accuracy	0.1% +2d					
Current Meter    Display Range	3A		5A		3A	
Display Resolution	10mA					
Display Accuracy	0.1% + 2d					
Display Mode	3 1/2 Digits Red LED Display					
POWER SOURCE	ACV110/ 220V , 60/50Hz					
OPERATION TEMP. & HUMIDITY	5℃ to 40℃, <80%					
STORAGE TEMP. & HUMIDITY	-10℃ to 70℃, <80%					
DIMENSIONS	330(W) x 165(H) x 130(D) mm					
WEIGHT	4kg		5.6kg		7.2kg	

# DC Power Supply

## YTD-2000

- 0-30V,0-3A/5A 雙組可調，單組 5V/3A 固定輸出
- 過電流保護功能
- 定電壓、定電流、低紋波雜訊
- 可預設限流點
- 兩路通過開關在機器內部自動連接成串並聯模式，無需外部連線
- 串聯模式下可構成正負電源輸出
- 多圈電位器使設定電壓值更容易
- 環型變壓器體積小、重量輕
- 雙色四組 LED 數位顯示電壓、電流



### Specification

MODEL NAME	YTD2303		YTD2305	
OUTPUT VOLTAGE	0~30V×2	Fixed 5V	0~30V×2	Fixed 5V
OUTPUT CURRENT	0~3A×2	Fixed 3A	0~5A×2	Fixed 3A
CONSTANT VOLTAGE				
Load Regulation			≤0.01%+3mV	
Line Regulation			≤0.01%+3mV	
Recovery Time			≤100us	
Ripple & Noise			≤1mVrms	
Temp. Coefficient			≤300ppm	
CONSTANT CURRENT				
Load Regulation			≤0.2% +3mA	
Line Regulation			≤0.2% +3mA	
Ripple & Noise			≤3mA rms	
INDICATOR METER				
Voltage Meter    Display Range			30V	
Display Resolution			100mV	
Display Accuracy			0.5% +2d	
Current Meter    Display Range	3A		5A	
Display Resolution			10mA	
Display Accuracy			0.5%+ 2d	
Display Mode			3 1/2 Digits Red LED Display	
POWER SOURCE	ACV 110/220V , 60/50Hz			
OPERATION TEMP. & HUMIDITY	5℃ to 40℃, <80%			
STORAGE TEMP. & HUMIDITY	-10℃to 70℃, <80%			
DIMENSIONS	245(W) x 140(H) x345(D) mm			
WEIGHT	8kg		10kg	



## DC Power Supply

### YTD-3010

兩個數位表頭顯示

- 過載與極性反向保護功能
- 定電壓、定電流、低紋波雜訊
- 可預設限流點
- 環型變壓器體積小、重量輕



### Specification

MODEL NAME	YTD3010
OUTPUT VOLTAGE	0~30V
OUTPUT CURRENT	0~10A
CONSTANT VOLTAGE	
Load Regulation	$\leq 0.01\% + 3\text{mV}$
Line Regulation	$\leq 0.01\% + 3\text{mV}$
Recovery Time	$\leq 100\mu\text{s}$
Ripple & Noise	$\leq 1\text{mVrms}$
Temp. Coefficient	$\leq 300\text{ppm}$
CONSTANT CURRENT	
Load Regulation	$\leq 0.2\% + 3\text{mA}$
Line Regulation	$\leq 0.2\% + 3\text{mA}$
Ripple & Noise	$\leq 3\text{mA rms}$
INDICATOR METER	
Voltage Meter Display Range	30V
Display Resolution	100mV
Display Accuracy	$0.5\% + 2\text{d}$
Current Meter Display Range	10A
Display Resolution	10mA
Display Accuracy	$0.5\% + 2\text{d}$
Display Mode	3 1/2 Digits Red LED Display
POWER SOURCE	ACV 110/220V, 60/50Hz
OPERATION TEMP. & HUMIDITY	5°C to 40°C, <80%
STORAGE TEMP. & HUMIDITY	-10°C to 70°C, <80%
DIMENSIONS	245(W) x 140(H) x 345(D) mm
WEIGHT	10kg



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