

Single Output 90W~185W

Introduction

The TP1000 series are linear DC power supplies with 2 channels, 95W to 185W output. The TP1000C/1000EC series provide a simpler option of only 1 channel, 90W to 180W output. In constant voltage and current operations, the power supply provides high regulation and low ripple & noise. The output ON/OFF control and coarse/fine control enables safe and easy operation. The TP1000C/1000EC series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

Features

- ✓ Constant voltage and constant current operations
- ✓ Auto CV and CC switch
- ✓ Output ON/OFF control
- ✓ High efficiency, light and compact design
- ✓ High power density
- ✓ Over load and reverse polarity protections
- ✓ Dual-color two digital panel meters

Product photo



TP-1303



TP-1303EC

Single Output Linear DC Power Supply



Specifications

Specifications			
Rated output	0~30V/0~3A	0~30V/0~5A	0~60V/0~3A
Constant voltage operation			
Line regulation	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+5mV
Load regulation	≤0.01%+3mV	≤0.02%+5mV	≤0.02%+5mV
Ripple & Noise (5Hz~1MHz)	≤3mVrms		
Constant current operation			
Line regulation	≤0.2%+3mA		
Load regulation	≤0.2%+3mA	≤0.2%+5mA	≤0.2%+3mA
Fixed output			
Output voltage	5V±1%		
Output current	1A		
Ripple & noise (5Hz~1MHz)	≤3mVrms		
Display			
Voltmeter	3 digits LED display		
Ammeter	3 digits LED display		
Resolution	100mV/10mA		
Accuracy	±(1% reading+2 digits)		
General			
Operating environment	0℃~40℃, ≤80%RH		
Storage environment	-10℃~70℃, ≤70%RH		
Power source	AC110V/220V±10%, 50/60Hz		
Accessories	Power cord x1, Operation manual x1, Test lead x1		

Selection guide

Model	TP-1303	TP-1305	TP-1603	TP-1303C	TP-1305C	TP-1603C	TP-1303EC	TP-1305EC	TP-1603EC
Output voltage	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V
Output current	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A
Fixed output	5V/1A	5V/1A	5V/1A						
Preset V&I									
Output ON/OFF	√	√	√	√	√	√			
Dimension (WxHxD)	130x160x255mm								
Weight	5 kg	6 kg	6 kg	5 kg	6 kg	6 kg	4.5 kg	5.5 kg	5.5kg

Single Output 300W/600W

Introduction

The TP300W/600W series are linear DC power supplies with 1 channel, 300W/600W output. In constant voltage and current operations, the power supply provides high regulation and low ripple & noise. The output ON/OFF control and coarse/fine control enables safe and easy operation. The TP300W/600W series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.

Features

- ✓ Constant voltage and constant current operations
- ✓ Auto CV and CC switch
- ✓ Output ON/OFF control
- ✓ Preset function, setting of voltage and current with output open circuit (TP-3020/6010)
- ✓ High efficiency, light and compact design
- ✓ High power density
- ✓ Over load and reverse polarity protections
- ✓ Dual-color two digital panel meters

Product photo

TP-3010



TP-3020



Single Output Linear DC Power Supply



Specifications

Specifications

Model	TP-3010	TP-6005	TP-3020	TP-6010
Constant voltage operation				
Line regulation	≤0.01%+5mV	≤0.01%+5mV	≤0.01%+10mV	≤0.01%+5mV
Load regulation	≤0.02%+5mV	≤0.02%+5mV	≤0.02%+10mV	≤0.02%+5mV
Ripple & Noise (5Hz~1MHz)	≤3mVrms			
Constant current operation				
Line regulation	≤0.2%+3mA			
Load regulation	≤0.2%+3mA (I≤3A)			
	≤0.2%+5mA (I>3A)			
	≤0.2%+15mA (I≥10A)			
Ripple & Noise (5Hz~1MHz)	≤3mA _{rms} (I≤3A) ≤10mA _{rms} (I>3A)			
Display				
Accuracy	Real voltage and current output: ±(1% reading+2 digits)			
	Preset voltage and current: ±(1% reading+8 digits)			
General				
Operating environment	0°C~40°C, ≤80%RH			
Storage environment	-10°C~70°C, ≤70%RH			
Power source	AC110V/220V±10%, 50/60Hz			
Accessories	Power cord x1, Operation manual x1, Test lead x1(only TP-3010/6005)			

Selection guide

Model	TP-3010	TP-6005	TP-3020	TP-6010
Output voltage	0~30V	0~60V	0~30V	0~60V
Output current	0~10A	0~5A	0~20A	0~10A
Voltmeter	3 digits LED	3 digits LED	3 digits LED	3 digits LED
Ammeter	4 digits LED	3 digits LED	3 digits LED	4 digits LED
Resolution	100mV/10mA	100mV/10mA	100mV/100mA	100mV/10mA
Fixed output				
Preset V&I			√	√
Output ON/OFF	√	√	√	√
Dimension (WxHxD)	255x155x370mm		255x155x330mm	
Weight	10kg	10kg	14kg	14kg

Specifications are subject to change without prior notice.