

Single Output 90W~185W

Introduction

TS-1000 series are linear DC power supplies with 2 channels, 95W to 185W output. The TS-1000X 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 TS-1000X 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



TS-1305X



TP-1305

Single Output Linear DC Power Supply

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		

Selection guide

Model	TS-1303X	TS-1305X	TS-1603X	TS-1303	TS-1305	TP-1603			
Output voltage	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			
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			