



MAIN:
0~30V/0~3A
0~30V/0~5A
0~60V/0~3A

AUX.: FIXED
5V/1A



► 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

LINEAR MODE DC POWER SUPPLY SINGLE OUTPUT SERIES

► 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