

## TP1000EC Series (90W~180W)

### Introduction

The TP1000EC series are low-cost linear DC power supplies with 1 channels, 90W to 180W output. In constant voltage and current operations, the power supply provides high regulation and low ripple & noise. There is coarse and fine control adjustment for voltage and current. The TP1000EC 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
- ✓ High efficiency, light and compact design
- ✓ High power density
- ✓ Over load and reverse polarity protections
- ✓ Dual-color two digital panel meters

### Product photo



### TP-1303EC

## Specifications

Model	TP-1303EC	TP-1305EC	TP-1603EC
Output	0~30V/0~3A	0~30V/0~5A	0~60V/0~3A
<b>Constant voltage operation</b>			
Line regulation	≤0.01%+3mV		
Load regulation	≤0.01%+3mV	≤0.02%+5mV	≤0.01%+3mV
Ripple & Noise	≤2mVrms		
<b>Constant current operation</b>			
Line regulation	≤0.2%+3mA		
Load regulation	≤0.2%+3mA		
<b>Display</b>			
Voltmeter	3 digits LED display		
Ammeter	3 digits LED display		
Resolution	100mV/10mA		
Accuracy	Voltage	±(0.5% reading+2 digits)	
	Current	±(1% reading+2 digits)	
<b>Protection</b>	Over load and reverse polarity protections		
<b>Power source</b>	AC110V, AC220V or AC110V/220V±10%, 50/60Hz		
<b>Operating environment</b>	0°C~40°C, ≤80%RH		
<b>Storage environment</b>	-10°C~70°C, ≤70%RH		
<b>Accessories</b>	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
<b>Output voltage</b>	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V	0~30V	0~30V	0~60V
<b>Output current</b>	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A	0~3A	0~5A	0~3A
<b>Fixed output</b>	5V/1A	5V/1A	5V/1A						
<b>Preset V&amp;I</b>									
<b>Output ON/OFF</b>	√	√	√	√	√	√			
<b>Dimension</b>	160x130x310mm								
<b>Weight</b>	5 kg	5.5 kg	6 kg	5 kg	5.5 kg	6 kg	4.5 kg	5 kg	5.5kg