

DC Power Supply

Single-Output Linear DC Power Supply TP-Series

Product description:

TP-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. This series are widely used in applications of powering operational amplifier, push pull stages, logic circuit and definition systems.



TP-3020

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

Ordering Informations

- TP-3010** : 300W DC Power Supply 0~30V/10A
TP-3020 : 600W DC Power Supply 0~30V/20A
TP-6005 : 300W DC Power Supply 0~60V/5A
TP-6010 : 600W DC Power Supply 0~60V/5A

Standard Accessories :

- User Manual • Power cord

Specifications

Model	TP-3010	TP-6005	TP-3020	TP-6010
Output Power	300W		600W	
Output Voltage	0 ~ 30V	0 ~ 60V	0 ~ 30V	0 ~ 60V
Output Current	0 ~ 10A	0 ~ 5A	0 ~ 20A	0 ~ 10A
Constant Voltage Operation				
Line Regulation	≤0.01%+5mV		≤0.01%+10mV	≤0.01%+5mV
Load Regulation	≤0.02%+5mV		≤0.02%+10mV	
Ripple & Noise (5Hz ~ 1MHz)	≤3mVrms			
Recovery Time	≤100μs (50% load cgage, minimum load 0.5A)			
Temperature Coefficient	≤300ppm/°C			
Constant Current Operation				
Line Regulation	≤0.2%+3mA			
Load Regulation	≤0.2%+3mA		≤0.2%+5mA	
Ripple & Noise (5Hz ~ 1MHz)	≤3mAms		≤5mAms	
Display				
Voltage & Ammeter	3 digits LED			
Resolution	100mV/10mA			
Accuracy	Output	≤1% rdg+2digits		
	Preset	-		≤1% rdg+8digits
General Specification				
Operation Environment	0°C ~ 40°C <80%RH			
Storage Environment	-10°C ~ 70°C, <70%RH			
Power Input	AC 220V±10%, 50/60Hz			
Dimension (WxHxD)	255 x 155 x 370 mm.			
Weight	10kg		14kg	