DC Power Supply

180 ~ 360W Regulated Linear DC Power Supply
TS-1000 / TS-1000X Series

Product description:

TS-1000/X series are linear DC power s upplies with 2 channels, 95W to 185W output. TS-1000 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. 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

TS-1000 Series

TS-1000X Series
(Fixed output 5V/1A)

Ordering Information

TS-1303 : DC Power Supply 30V/3A
TS-1305 : DC Power Supply 30V/5A
TS-1603 : DC Power Supply 60V/3A

TS-1303X : DC Power Supply 30V/3A, Fixed : 5V/1A
TS-1305X : DC Power Supply 30V/5A, Fixed : 5V/1A
TS-1603X : DC Power Supply 60V/3A, Fixed : 5V/1A

Standard Accessories :

- User Manual
- USB cable
- Power cord
- Software CD

Specifications

Model	TS-1303	TS-1303X	TS-1305	TS-1305X	TS-1603	TS-1603X
Output Voltage	0 ~ 30V		0 ~ 30V		0 ~ 60V	
Output Current	0 ~ 3A		0 ~ 5A		0 ~ 3A	
Constant Voltage Operation (CV mode)						
Line regulation	≤ 0.01%+3mV				≤ 0.01%+3mV	
Load regulation	≤ 0.01%+3mV		≤ 0.02%+5mV			
Ripple & Noise	≤ 3mVrms at Freq. : 5Hz ~ 1MHz					
Constant Current Operation (CC mode)						
Line regulation	≤ 0.2%+3mA					
Load regulation	≤ 0.2%+3mA		≤ 0.2%+5mA		≤ 0.2%+3mA	
Output Fixed						
Output Voltage		5V±1%		5V±1%		5V±1%
Outut Current		1A		1A		1A
Ripple & Noise	≤3mVrms					
Display						
Voltmeter	3 digit LED type					
Ammeter	3 digit LED type					
Resolution	100mV ~ 10mA					
Accuracy	±(1% Reading+ 2 digit)					
Operating environment	0°C ~ 40°C <80%RH					
Storage environment	-10°C ~ 70°C, <70%RH					
Power Input	AC 110V/220V±10%, 50/60Hz					
Dimension (WxLxD)	130mm x 160mm x 255mm.					
Weight	5 kg.		6kg.			

All specifications are subject to be changed by Tessio without notice.