

TP3000 SERIES

Laboratory AC/DC Supplies: 60 - 300 Watts



Features

- Input options: 100/120/220/240 VAC
- Analog (A) or Digital (D) meter options
- Constant current/constant voltage operation
- Series or parallel operation
- Short circuit protection
- Coarse and fine voltage control
- The TP3000 series comes with two analog or optional digital meters.
All outputs are floating and can be connected in parallel or series to get multiple currents and voltages.

Specifications

INPUT :	100/120/220/240 VAC	±10%
FREQUENCY:	50 ~ 60Hz	
CONSTANT VOLTAGE MODE:		
LOAD REGULATION:	±0.01% +2mV	
LINE REGULATION:	±0.01% +2mV	
RIPPLE & NOISE:	1mV maximum	
CONSTANT CURRENT MODE:		
LOAD REGULATION:	15mA maximum	
LINE REGULATION:	±0.01% +2mA	
RIPPLE & NOISE:	3mA rms maximum	
DISPLAY ACCURACY:	Analog: Full Scale 3%	
	Digital: ε ε 0.1% +2d	
PROGRAMMING SPEED:	Rise Time: (no load) δδδδδ0.100ms	
	Rise Time: (load) δ δ500ms	
	Fall Time: (no load) δδδδδ2.5s	
	Fall Time: (load) δ δ250ms	
OUTPUT IMPEDENCE:	<2m& +2μH	
RECOVERY TIME:	For 50-100% load change, δδδδδ100μS	within 0.1% of set voltage
SERIES OPERATION:	Different models can be connected in series maximum output δδδδδ240V	
PARALLEL OPERATION:	Same models can be connected in parallel maximum output δδδδδ24A	
DIMENSIONS:	60 - 90W:	120 x 160 x 295mm
(W x H x D)	180 - 300W:	230 x 160 x 366mm
WEIGHT:	60 - 90W:	6Kg.
	180W:	12Kg.
	300W:	15Kg.

MODEL	Output		Power W
	V	A	
TP3303A	0 - 30V	3A	90W
TP3303D	0 - 30V	3A	90W
TP3306D	0 - 30V	6A	180W
TP33010D	0 - 30V	10A	300W
TP3601D	0 - 60V	1A	60W
TP3603D	0 - 60V	3A	180W
TP6302A	5V 5A	±0-30V 2A	145W
TP6303A	5V 5A	±0-30V 3A	205W
TP6303D	5V 5A	±0-30V 3A	205W
TP6306A	5V 5A	±0-30V 6A	385W
TP6306D	5V 5A	±0-30V 6A	385W
TP6603D	5V 5A	±0-60V 3A	385w

Instruction Manual is available from our website:
Application Notes: TP3000 Series

