

# TPR3003T/TPR3005T

Single channel DC regulated power supply

## Overview

TPR DC regulated is high precision and high reliability constant voltage, constant current power supply, it have current-limiting, voltage reduction, short circuit protection over temperature production, strong load ability characteristic. TPR series power supplies are applicable to laboratory, electronic items production line, telecommunication equipment maintenance, they are necessary device for technology and research, production, teaching institution.

- ✓ Flip type panel protection to prevent misoperation
- ✓ Power supply appears overheating operation status, output will be closed.
- ✓ When machine internal temperature recovery normal, power supply output recovers default condition

## Application

- Laboratory
- Electronic items production line
- Telecommunication equipment maintenance
- Technology and research institution



TPR series technology specification and function features:

Model	TPR3003T	TPR3005T
Rated output voltage	0-30V	
Rated output current	0-3A	0-5A
Power supply voltage	220V±10%, 50HZ/60HZ (100V,117V,200V, 217V/234V optional)	
Operation condition	temperature: 0°C~40°C relative humidity: <80%	
Storage condition	temperature-20°C~80°C relative humidity: <80%	
Rated output power	90W	150W
Power supply effect	CV≤0.01%+3mV	CC≤0.2%+1mA
Load effect	CV≤0.01%+5mV CC≤0.2%+5mA	CV≤0.01%+7mV CC≤0.2%+7mA
Ripple and noise	(5Hz~1MHz)CV≤0.5mVr.m.s CC≤3mAr.m.s	(5Hz~1MHz)CV≤1mVr.m.s CC≤5mAr.m.s
Display	4 digits	
Voltmeter display precision	±0.5%rdg+2 bit	
Ammeter display precision	±0.5%rdg+2 bit	
High voltage test	leak current≤1mA(test condition AC-GND 1700VAC/2s)	
Insulation impedance	insulation impedance≥7MΩ((test condition AC-GND 500VDC/5s)	
Working method	constant voltage/constant current	
Protection method	current-limiting, voltage reduction, short-circuit protection, over temperature production, over voltage protection	
Heat-dissipating method	air cooling	
Size (WxHxD)	W125xH170xD275mm	
Weight(KG)	5.07KG	6.88KG