

TPR32-5A / TPR75-2A

Linear Power Supply



Overview

- Low power and series regulator mode
- Low-ripple / Low noise / High stability
- Constant voltage / Constant current continuously adjustable
- Serial-parallel / outside remote machine interface and RS232 communication interface
- Secondary development of integrated system available

Application

- Efficient Training
- Electronic items production line
- Telecommunication equipment maintainance
- Laboratory

TPR series technology specification and function features:

Model	TPR32-5A		TPR75-2A	
Power supply voltage	AC 240V/230V/220V/110V/120V Optional			
Rated output voltage	0~32V		0~75V	
Rated output current	0~5A		0~2A	
Rated output power	160W		150W	
Ripple and noise	CV \leq 0.5Vrms	CC \leq 1mArms	CV \leq 1Vrms	CC \leq 1mArms
Power supply effect	CV \leq 0.01%+3mV	CC \leq 0.2%+3mA	CV \leq 0.01%+5mV	CC \leq 0.2%+2mA
Load effect	CV \leq 0.01%+5mV	CC \leq 0.2%+3mA	CV \leq 0.01%3mV	CC \leq 0.2%+5mA
Display	$\pm(0.5\%rdg+2 \text{ Digit})$		Voltage: $\pm(0.5\%rdg+3 \text{ Digit})$ Current: $\pm(0.5\%rdg+2 \text{ Digit})$	
Protection method	OVP/OCP/OHP Protection			
Heat-dissipating method	Intelligent speed regulation air cooling			
Working method	Temp: 0~40℃ Humidity: <80%			
Storage condition	Temp: -20~70℃ Humidity: <80%			
Size (W x H x D)	125X170X260(mm)			

Features:

- Using four digit high precision display, MCU digital control
- Constant voltage(CV) / Constant current (CC) mode output adjustable continuously
- Voltage and current external analog remote control
- Support monitor voltage / current parameter external control function
- Save output parameters and lock state, sounding functions.
- Smart fan control, adjust internal temperature automatically
- Support computer program control, stand RS232 communication interface
- Support protect overvoltage / overcurrent and overheating functions
- Extension primary, multiple and series connection operation mode
- Save and adjust parameter setting efficiently, totally 10 groups.