

# TPR Series Power Supply

## Description of TPR3003T/TPR3005T

This is our professional series which is a single-channel regulated DC power supply with a backlit LCD panel. The voltage and current can be adjusted continuously with Knobs that are hidden behind a panel to prevent accidental movement. They are used in product research departments, laboratories, electronic production lines, and also in the communications industry.

### Technical parameter:

- AC Input Voltage:** AC220V±10%, 60Hz
- Rated Output Voltage:** 0~30V
- Rated Output Current:** 0~3A/5A
- Rated Output Power:** 90W/150W
- Voltage Display Precision:** 0.1V ± 2bit
- Current Display Precision:** 0.01A ± 2bit
- Voltage Stability:** ≤0.01%+2mV
- Load Stability:** ≤0.01% + 5mV
- Ripple:** ≤ 1mVrms (5Hz~1 MHz)
- Cooling Method:** Fan
- Dimension:** 10.8x4.9 x 6.7 inches (275x125x170mm)



## Description of TPR3003T-3C/TPR3005T-3C

This is double-channel regulated DC power supply with a back-light LCD panel. The voltage and current can be adjusted continuously with Knobs that are hidden behind a panel to prevent accidental movement. Two channels can be run series, parallel function or independently from each other. CH3 is a fixed output with three settings 2.5V, 3.3V and 5V. They are used in product research departments, laboratories, electronic production lines, and also in the communications industry.

### Technical parameter

- AC Input Voltage:** AC 220V±10%, 60Hz
- Rated Output Voltage:** CH1 0~30V, CH2 0~30V,  
CH3 2.5V/3.3V/5V
- Rated Output Current:** CH1 0-3A/5A, CH2 0~3A/5A,  
CH3 3A
- Rated Output Power:** 195W/315W
- Voltage Display Precision:** 0.1V±2bit
- Current Display Precision:** 0.01A±2bit
- Ripple and Noise:** ≤ 1mVrms
- Voltage Stability:** ≤0.01%+2mV
- Load Stability:** ≤0.01% +5mV
- Protection Method:** current-limited low voltage protection
- Environment parameters:** Relative humidity <80%,  
Temperature range 32- 104 F. (0-40 )
- Cooling Mode:** Fan
- Dimensions:** 14.6 x 9.8 x 6.3 inches (370x250x160 mm)

