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UTP3300-II Series Linear DC Power Supply



◆ Introduction

UTP3300-II Series are three-channel linear DC power supplies of adjustable dual channel and fixed single-channel output, featuring tracking, constant voltage/current, series/parallel output, temperature controlled cooling fan, and over voltage/current protection.

◆ Features

- 3-channel linear DC power supplies feature
- High-precision four-digit voltage and current display 10mV/1mA
- Low ripple/noise
- Parallel/series
- Output on/off control



● UTP3305-II

◆ Technical index

| Model | UTP3303 | UTP3305 | UTP3303-II | UTP3305-II |
|------------------------------|---|---------|--|------------|
| Output voltageCH1, CH2 | 0~32V | 0~32V | 0~32V | 0~32V |
| CH3 | 5V | 5V | 5V | 5V |
| Output currentCH1, CH2 | 0~3A | 0~5A | 0~3A | 0~5A |
| CH3 | 3A | 3A | 3A | 3A |
| Output power | 207W | 335W | 207W | 335W |
| Load regulation | $CV \leq 1 \times 10^{-4} + 3mV$, $CC \leq 2 \times 10^{-4} + 3mA$ | | $CV < 0.01\% + 3mV$, $CC \leq 0.2\% + 3mA$ | |
| Ripple and noise | $CV \leq 1mV_{rms}$; $CC \leq 3mArms$ | | $CV \leq 1mV_{rms}$; $CC \leq 3mArms$ | |
| Output regulation resolution | $CV: 100mV$ (typical), $CC: 10mA$ (typical) | | $CV: 10mV$ (typical), $CC: 1mA$ (typical) | |
| Tracking bias | $5 \times 10^{-3} + 10mV$ | | $\pm(0.1\% \text{ of reading} + 30mV)$ $CC: \pm(0.3\% \text{ of reading} + 5mA)$ $CC: \pm(0.3\% \text{ of reading} + 10mA)$ | |
| Reliability | MTBF(e): $\geq 2000hrs$ | | MTBF(e): $\geq 2000hrs$ | |
| Display mode | 3-bit voltage and current dual display | | 4-bit voltage and current dual display | |

General Characteristics

| | | | | |
|------------------------------|--|------|-----------------------|--------|
| Power | Input voltage: 115V AC/230V AC; Frequency: 47Hz~63Hz | | | |
| Display | 4 windows,LED | | | |
| Product net weight | 8.7kg | 10kg | 9.2kg | 10.5kg |
| Product size | 260mm x 170mm x 315mm | | 319mm x 146mm x 226mm | |
| Standard quantity per carton | 1pc | | | |

Ordering Information

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|----------------------|--|------------|
| UTP3000-II Series | Linear DC Power Supply (3-Channel,32V,5A,10mV,1mA) | UTP3305-II |
| | Linear DC Power Supply (3-Channel,32V,3A, 10mV,1mA) | UTP3303-II |
| Standard Accessories | Power cord conforming to the standard of the destination country | --- |
| | Test output line | --- |