

# UTP3300C Series

## Programmable Linear DC Power Supplies



● UTP3305C

The UTP3300C Series Programmable DC Power Supplies are high precision 4-bit display devices with 3-way output, built with voltage and current overload protection, convenient operation panel, and one key storage recall.

The Series can be used in electronics circuit behavior test, and automated system test of different environments. The Series is suitable to use in education fields such as special trade schools, universities, colleges, and research labs.

| Technical Specifications          |                  | UTP3303C                             | UTP3305C                |
|-----------------------------------|------------------|--------------------------------------|-------------------------|
| Output voltage                    |                  | 0~30V (CH1/CH2)                      | 0~30V (CH1/CH2)         |
| Output current                    |                  | 0~3A (CH1/CH2)                       | 0~5A (CH1/CH2)          |
| Output power                      |                  | 195W                                 | 315W                    |
| Load regulation                   | Voltage          | ≤0.01%+3mV                           | ≤0.01%+5mV              |
|                                   | Current          | ≤0.1%+5mA                            | ≤0.1%+10mA              |
| Power regulation                  | Voltage          | ≤0.01%+3mV                           | ≤0.01%+3mV              |
|                                   | Current          | ≤0.1%+3mA                            | ≤0.1%+3mA               |
| Output regulate resolution        | Voltage          | 10mV                                 | 10mV                    |
|                                   | Current          | 1mA                                  | 1mA                     |
| Programming accuracy (25°C±5°C)   | Voltage          | ≤0.5%+20mV                           | ≤0.5%+20mV              |
|                                   | Current          | ≤0.5%+5mA                            | ≤0.5%+10mA              |
| Ripple (20Hz~20MHz)               | Voltage          | ≤1mVrms                              | ≤2mVrms                 |
|                                   | Current          | ≤3mArms                              | ≤3mArms                 |
| Output temperature                | Voltage          | ≤150ppm                              | ≤150ppm                 |
| Coefficient                       | Current          | ≤150ppm                              | ≤150ppm                 |
| Voltage rising/falling time delay |                  | ≤100ms (10% rated load)              | ≤100ms (10% rated load) |
| Parallel/Series load regulation   |                  | ≤0.1%+0.1V                           | ≤0.1%+0.1V              |
| CH3 output features               | Voltage          | 5V                                   | 5V                      |
|                                   | Current          | 3A                                   | 3A                      |
|                                   | Voltage accuracy | ±50mV                                | ±50mV                   |
|                                   | Load regulation  | ±50mV                                | ±50mV                   |
| Standard interfaces               |                  | USB Device, RS-232                   |                         |
| Power                             |                  | AC 100V/120V/220V/230V±10%,50Hz/60Hz |                         |
| Display                           |                  | 4 windows,LED                        |                         |
| Product net weight                |                  | 6.5kg                                | 9.1kg                   |
| Product size (W×H×D)              |                  | 260mm x 176mm x 317mm                |                         |
| Standard quantity per carton      |                  | 2pcs                                 |                         |
| Standard carton size              |                  | 450mm x 400mm x 630mm                |                         |
| Standard carton gross weight      |                  | 9kg                                  | 10kg                    |

| Ordering Information |  |
|----------------------|--|
| UTP3300C Series      | UTP3305C: Programmable Linear DC Power Supply (3-Channel,30V,5A) |
|                      | UTP3303C: Programmable Linear DC Power Supply (3-Channel,30V,3A) |
| Standard Accessories | International standard power cord                                |
|                      | 2 test output lines  |