

UDP3300 Series Programmable Linear DC Power Supply



◆ Introduction

UDP3300C series DC power supply with three independent outputs is a cost-effective programmable DC power supply with excellent performance, reliable output and clear interface. The instrument has constant voltage (CV) and constant current (CC) modes, short-circuit and over-voltage protection functions, which can perfectly meet various test requirements.

◆ Features

- High precision 4-digit voltage and current display
- Over voltage/current/temperature protection
- Output voltage/current settings viewable
- USB-Device, RS232 interface
- Shutdown memory
- Keyboard lock
- Intelligent temperature-controlled fan
- 5V/2A USB charging interface
- 5 sets of setup storage: M1-M5

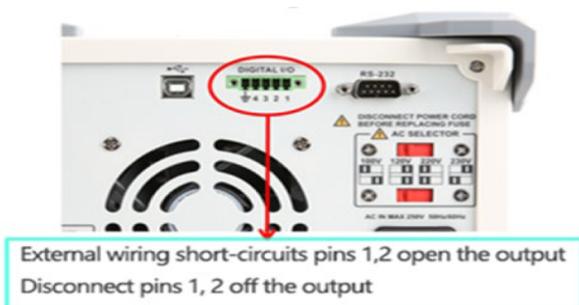
◆ Design Features



3 CH outputs, High precision Display

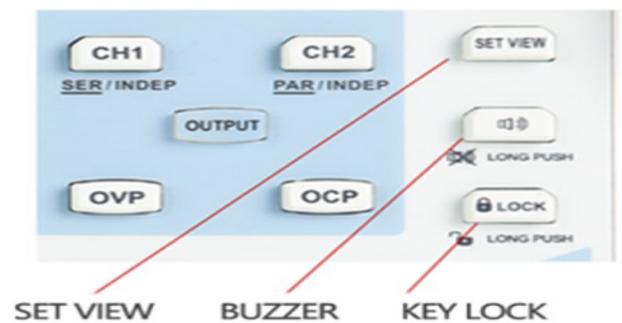


Five sets of settings to save and recall



External wiring short-circuits pins 1,2 open the output
Disconnect pins 1, 2 off the output

Remote control Digital I/O interface



Buzzer switch and key lock function, shutdown memory function, SET VIEW function

◆ Technical index

Model	UDP3303C	UDP3305C
Output voltage (CH1/CH2)	0~30V	
Output current (CH1/CH2)	0~3A	0~5A
Output power	195W	315W
Resolution	10mV,1mA	
Power regulation	CV Mode	≤0.01%+3mV;
	CC Mode	≤0.2%+3mA
Load regulation	CV Mode	≤0.01%+3mV(≤3A); ≤ 0.02%+5mV (>3A)
	CC Mode	≤0.2%+3mA
Programming accuracy (25°C±5°C)	Voltage	≤0.1%+30mV
	Current	≤0.5%+2mA
Ripple and noise (20Hz~20MHz)	Voltage	≤1mVrms
	Current	≤3mArms
Temperature coefficient	Voltage,Current ≤300ppm	
Parallel Mode	Power regulation	≤0.01%+3mV
	Load regulation	≤0.01%+3mV (rated current ≤ 3A) ≤0.02%+5mV (rated current > 3A)
Series Mode	Power regulation	≤0.01%+5mV
	Load regulation	≤300mV
	Error	≤0.5%±10mV(10~30V no-load);(access load ≤ 300mV) ≤0.5%±30mV(0~9.99V no-load);(access load ≤ 300mV)
CH3 output features	Voltage	1.8V/2.5V/3.3V/5.0V(±3% Can be fine-tuned)
	Current	3.2A
	Power regulation(25°C±5°C)	≤ 5mV
	Load regulation(25°C±5°C)	≤15mV
USB (CH4)	Output Voltage	5V±0.25V
	Output Current	2A

General Characteristics

Power	AC 100V/120V/220V/230V±10%, 50Hz/60Hz	
Display	EBTN LCD	
Product net weight	8.8kg	10.2kg
Product size (W×H×D)	240mm x 168mm x 347mm	
Standard quantity per carton	2pcs	
Standard carton size	445mm x 365mm x 300mm	
Standard carton gross weight	12kg	

Ordering Information

UDP3000C Series	Programmable Linear DC Power Supply (3-Channel, 30V, 5A)	UDP3305C
	Programmable Linear DC Power Supply(3-Channel, 30V, 3A)	UDP3303C
Standard Accessories	Power cord	
	USB interface cable	UT-D14
	Alligator clip test line	