

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

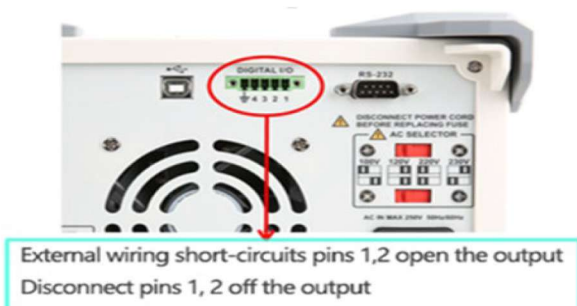
◆ Design Features



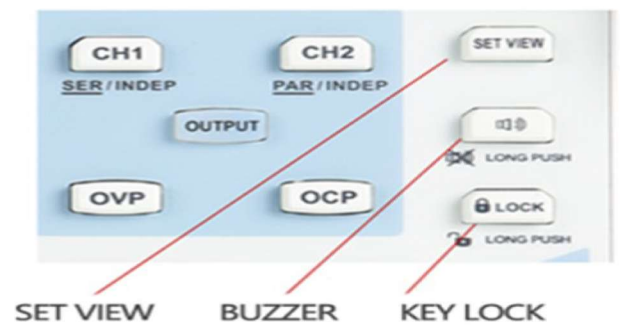
3 CH outputs, High precision Display



Five sets of settings to save and recall



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	≤3mA _{rms}	
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	
	RS232 Communication lines	