

# UDP3300 Series Programmable Linear DC Power Supply



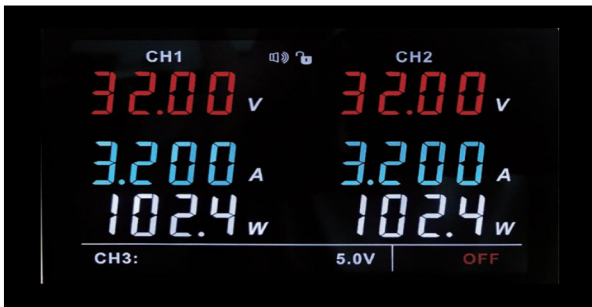
## ◆ Introduction

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

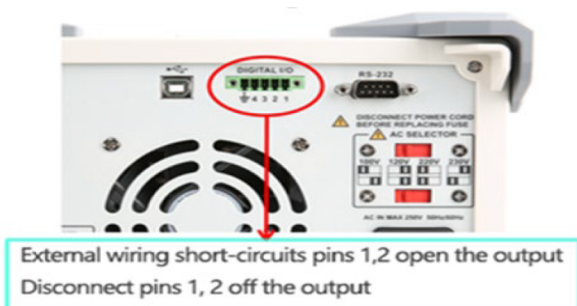
## ◆ Design Features



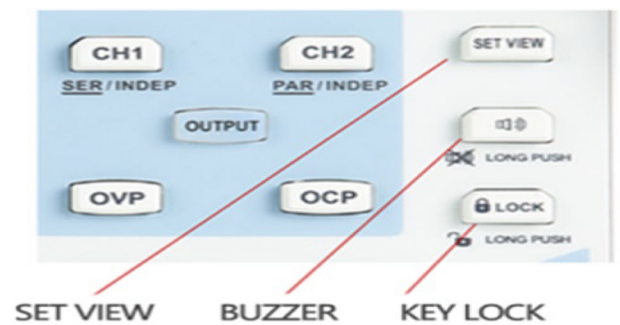
3 CH outputs, High precision Display



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	≤3mArms	
Temperature coefficient	Voltage,Current		≤300ppm
	Power regulation		≤0.01%+3mV
Parallel Mode	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	

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Benchtop Power Supplies](#) category:*

*Click to view products by [Uni-T](#) manufacturer:*

Other Similar products are found below :

[PR20](#) [ZUPNC402](#) [PSW 800-1.44](#) [2306](#) [UDP6730](#) [UDP6731](#) [UDP6720](#) [GEN-30-25/LAN/LN](#) [NGA142](#) [UDP3305S-E](#) [GRA-454](#)  
[UDP3305C](#) [UDP6721](#) [AX-3003P](#) [AX-6003P](#) [AX-8450A](#) [TPM-3003](#) [EA-3051B](#) [HMC8012](#) [HMP2020](#) [HMP2030](#) [HMP4040](#) [UT804](#) [1405](#)  
[1410](#) [Z-NL200](#) [Z-U](#) [1513](#) [1550](#) [EA-PS 812-80 SINGLE](#) [EA-PS 805-12-12-80 TRIPLE](#) [1652](#) [1665](#) [1666](#) [1673](#) [1693](#) [1694](#) [1698](#) [MX100TP](#)  
[1739](#) [1762](#) [TPM-3005](#) [1902B](#) [9174B](#) [GDM-8245](#) [GDM-8255A](#) [GDM-8341](#) [BK1745A](#) [PL068](#) [PL068P\(G\)](#)