

# UDP1306C

## Programmable Linear DC Power Supply



● UDP1306C

The UDP1306C is a single-channel programmable linear DC regulated power supply, which is a smaller and more reliable basic power product specially built for engineers. The Series has the characteristics of low ripple noise, fast transient response, good power and load regulation performance and so on, the output function is powerful and the protection function is complete.

- High precision 4-digit display
- Over voltage/current/temperature protection
- Output voltage/current setting viewable
- Shutdown memory/keyboard lock
- Intelligent cooling fan
- USB charging interface
- USB device communication, RS232 program-controlled communication interface
- Remote control (output ON/OFF)
- 5 sets of setup storage: M1-M5



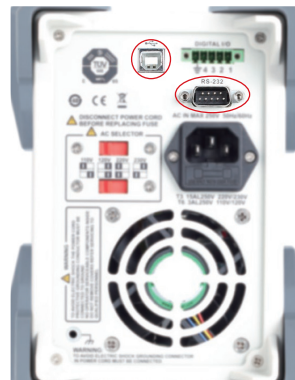
● Single output 32V/6A and USB charging interface 5V/2A



● 5 sets of setup storage: M1-M5



● Over voltage/current/temperature protection



● With RS232 and USB communication interface function

Technical Specifications		UDP1306C
Output voltage		0~32V
Output current		0~6A
Output power		192W
Display mode		3-window, 4-digit voltage and current high precision display
Resolution	Voltage	10mV
	Current	1mA
Load regulation	Voltage	<0.01%+5mV
	Current	<0.1%+10mA
Power regulation	Voltage	<0.01%+3mV
	Current	<0.1%+3mA
Programming accuracy (25°C±5°C)	Voltage	<0.5%+20mV
	Current	<0.5%+10mA
Ripple and noise (20Hz~20MHz)	Voltage	≤2mVrms
	Current	≤3mA <sub>rms</sub>
Temperature coefficient		Current/Voltage: ≤300ppm/°C
Voltage rising/falling time delay		≤100ms (10% rated load)
Standard interfaces		USB Host (5V/2A), USB Device, RS-232
Power		AC 100V/120V/220V/230V±10%, 50Hz/60Hz
Display		EBTN LCD
Product net weight		7.5kg
Product size (W×H×D)		136mm x 194mm x 327mm
Standard quantity per carton		1pc
Standard carton size		505mm x 270mm x 335mm
Standard carton gross weight		9.6kg

Ordering Information	
UDP1300C Series	UDP1306C: Programmable Linear DC Power Supply (1-Channel, 32V, 6A)
Standard Accessories	International standard power cord
	USB interface cable
	Alligator clip test line
Optional Accessories	RS232 Communication line