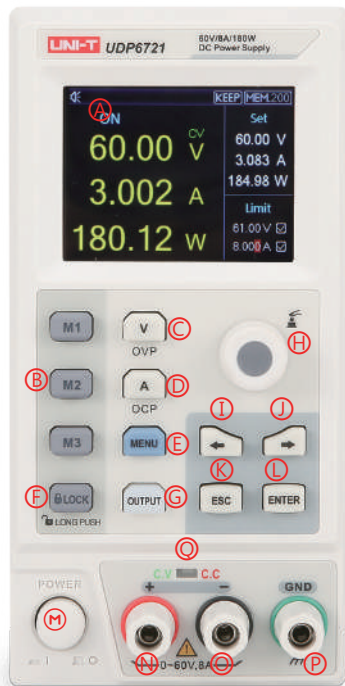




Main Features

- Fully digital control
- Full scale high resolution: 10 mV/1mA
- Low ripple and noise
- Software correction function
- Minimum overall dimension
- TFT LCD display
- Remote compensation
- Support RS232 communication
- Fan intelligent regulation
- Constant voltage and constant current output
- High reliability: overvoltage / overcurrent / overtemperature protection function
- List & delayer function
- The output is controlled by a switch
- High quality and high cost performance
- Multiple groups of output voltage / current can be preset: 3 × 200 groups

DC Power Supply Panel



- Ⓐ LCD display Ⓑ Store shortcuts Ⓒ Voltage setting key Ⓓ Current setting key
- Ⓔ Menu key Ⓕ Keyboard lock Ⓖ Output key Ⓗ Rotary encoder
- Ⓜ Shift right key Ⓝ Shift left key Ⓚ Return key Ⓛ Confirm key Ⓜ Power switch
- Ⓝ Positive output terminal Ⓞ Negative output terminal Ⓟ GND terminal
- Ⓠ Output status indicator Ⓡ Remote compensation terminal
- Ⓢ Input source selection terminal Ⓣ AC socket Ⓤ Fuse slot Ⓥ RS232
- Ⓦ Fan Ⓧ Protected GND

Technical Specification

Model		UDP6720	UDP6721	UDP6730	UDP6731
Channel	Channel	1	1	1	1
Output Rating	Voltage	0-60V	0-60V	0-40V	0-80V
	Current	0-5A	0-8A	0-30A	0-15A
	Power	100W	180W	360W	360W
Load Regulation	Voltage	<0.01%+3mV	<0.01%+5mV	<0.03%+15mV	<0.03%+30mV
	Current	<0.01%+3mA	<0.01%+5mA	<0.03%+30mA	<0.03%+15mA
Line Regulation	Voltage	<0.01%+3mV	<0.01%+5mV	<0.03%+15mV	<0.03%+30mV
	Current	<0.1%+3mA	<0.1%+5mA	<0.1%+15mA	<0.1%+10mA
Programming Accuracy	Voltage	<0.05%+10mV	<0.05%+10mV	<0.1%+10mV	<0.1%+10mV
	Current	<0.2%+2mA	<0.3%+5mA	<0.3%+30mA	<0.3%+10mA
Read back Accuracy	Voltage	<0.05%+10mV	<0.05%+10mV	<0.1%+10mV	<0.1%+10mV
	Current	<0.1%+2mA	<0.3%+5mA	<0.3%+30mA	<0.3%+10mA
Ripple and Noise	Voltage	<2.0mVrms	<5.0mVrms	<12mVrms	<12mVrms
	Current	<5.0mA rms	<8.0mA rms	<72mA rms	<27mA rms
Set resolution	Voltage	10mV	10mV	10mV	10mV
	Current	1mA	1mA	1mA	1mA
Readback resolution	Voltage	10mV	10mV	10mV	10mV
	Current	1mA	1mA	10mA	10mA
Temperature coefficient	Voltage	≤100ppm/ C	≤100ppm/ C	≤300ppm/ C	≤300ppm/ C
	Current	≤200ppm/ C	≤200ppm/ C	≤300ppm/ C	≤300ppm/ C
Display	Display	2.8-inch LCD, 4-digit display	2.8-inch LCD, 4-digit display	2.8-inch LCD, 4-digit display	2.8-inch LCD, 4-digit display
Dimension	W*H*D	87*174*255 (mm)	87*174*255 (mm)	87*174*255(mm)	87*174*255(mm)
Weight	Net	<2.5kg	<2.5kg	<2.5kg	<2.5kg
Interface	Interface	RS232, Remote compensation	RS232, Remote compensation	RS232, Remote compensation	RS232, Remote compensation
Input	Voltage	AC:110(±10%)V/220(±10%)V	AC:110(±10%)V/220(±10%)V	AC:110(±10%)V/220(±10%)V	AC:110(±10%)V/220(±10%)V
	Frequency	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Environment	Operating temperature	0C-45 C	0C-45 C	0C-40 C	0C-40 C
	Operating humidity	20%-80% (Non condensing)	20%-80% (Non condensing)	20%-80% (Non condensing)	20%-80% (Non condensing)
	Storage	-20 C-70 C	-20 C-70 C	-20 C-70 C	-20 C-70 C
	Altitude	≤2000m	≤2000m	≤2000m	≤2000m
	Pollution degree	2	2	2	2



*The UDP6700 series have been certified by CE, UKCA

Order information

	Description	Standard Quantity per Carton	Order No.
Model	UDP6720 (1CH, 60V,5A,100W, RS232)	1	UDP6720
	UDP6721 (1CH, 60V,8A,180W, RS232)	1	UDP6721
	UDP6730 (1CH, 40V,30A,360W, RS232)	1	UDP6730
	UDP6731 (1CH, 80V,15A,360W, RS232)	1	UDP6731
Standard accessories	Power cord that conforms to the standard of the destination country	1	-
Optional accessories	Alligator clip test lead	1	-