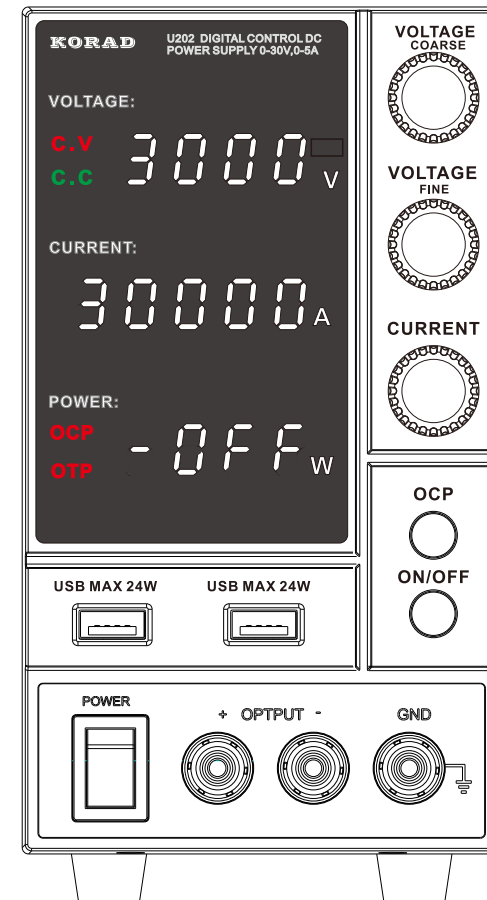


U200 Series Digital Control & Regulated DC Power Supply



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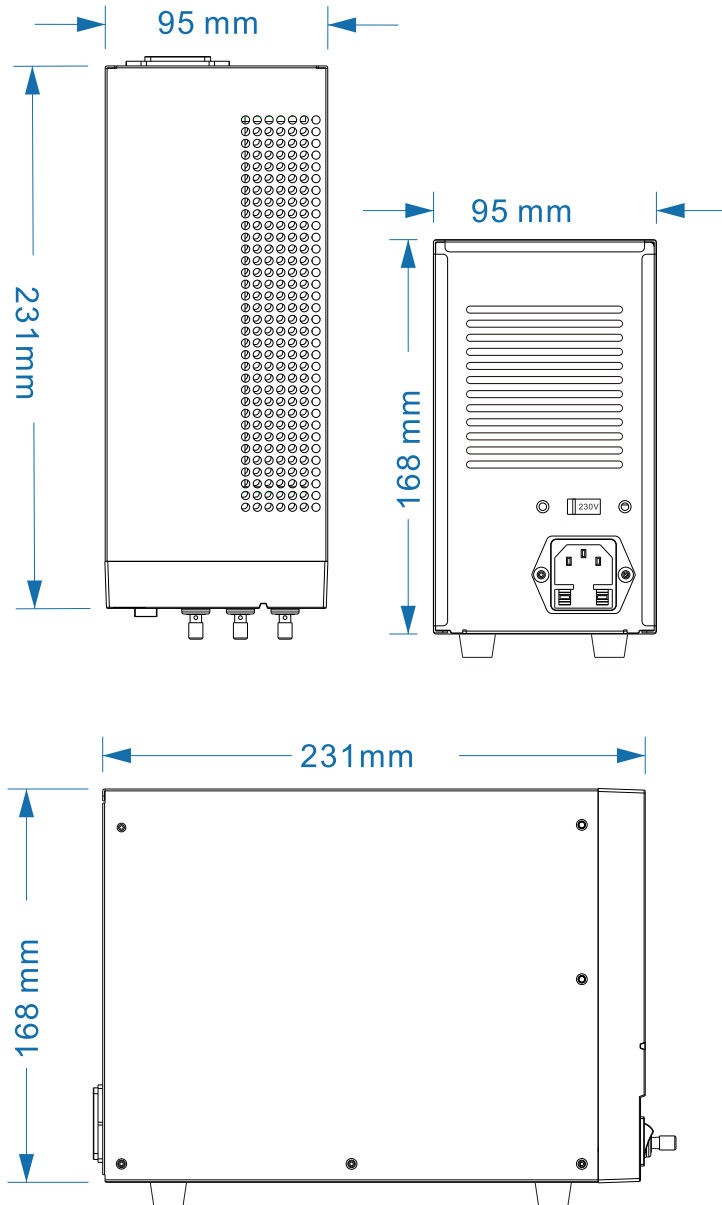
User Manual

Specifications

Note: the following specifications are measured by preheating the machine for 3 minutes and the ambient temperature is 25°C ±5°C.

Moldels	U202	U203	U205	U206	U210
Voltage	0-30V	0-30V	0-60V	0-60V	0-400V
Current	0-5A	0-10A	0-3A	0-5A	0-1A
Load Regulation					
Voltage	≤0.01%+2mV	≤0.01%+2mV	≤0.01%+2mV	≤0.01%+2mV	≤0.01%+2mV
Current	≤0.1%+2mA	≤0.1%+5mA	≤0.1%+2mA	≤0.1%+2mA	≤0.1%+2mA
Line Regulation					
Voltage	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV	≤0.01%+3mV
Current	≤0.1%+3mA	≤0.1%+5mA	≤0.1%+3mA	≤0.1%+3mA	≤0.1%+3mA
Setup Resolution					
Voltage	10mV	10mV	10mV	10mV	10mV
Current	1mA	1mA	1mA	1mA	1mA
Setup Accuracy(25°C+ -5°C)					
Voltage	≤0.5%+10mV	≤0.5%+10mV	≤0.5%+10mV	≤0.5%+10mV	≤0.5%+20mV
Current	≤0.5%+5mA	≤0.5%+5mA	≤0.5%+5mA	≤0.5%+10mA	≤0.5%+5mA
Ripple(20-20M)					
Voltage	≤20mVrms	≤20mVrms	≤20mVrms	≤20mVrms	≤30mVrms
Current	≤10mArms	≤10mArms	≤10mArms	≤20mArms	≤10mArms
Temp. Coefficient					
Voltage	≤150ppm	≤150ppm	≤150ppm	≤150ppm	≤150ppm
Current	≤150ppm	≤150ppm	≤150ppm	≤150ppm	≤150ppm
Read Back Resolution					
Voltage	10mV	10mV	10mV	10mV	10mV
Current	C>0.5A 1mA C<0.5A 0.1mA	C>0.5A 1mA C<0.5A 0.1mA	C>0.5A 1mA C<0.5A 0.1mA	C>0.5A 1mA C<0.5A 0.1mA	C>0.5A 1mA C<0.5A 0.1mA
Read Back Temp. Coefficient					
Voltage	≤150ppm	≤150ppm	≤150ppm	≤150ppm	≤150ppm
Current	≤150ppm	≤150ppm	≤150ppm	≤150ppm	≤150ppm
Weight and Dimension					
U202, U203, U205, U206 & U210: 95mm(W)*168(H)*231mm(D)					
U202: 1.9kgs, U203: 2.5kgs, U205: 2kgs, U206: 2.5kgs & U210: 2.5kgs					

Overall Dimension



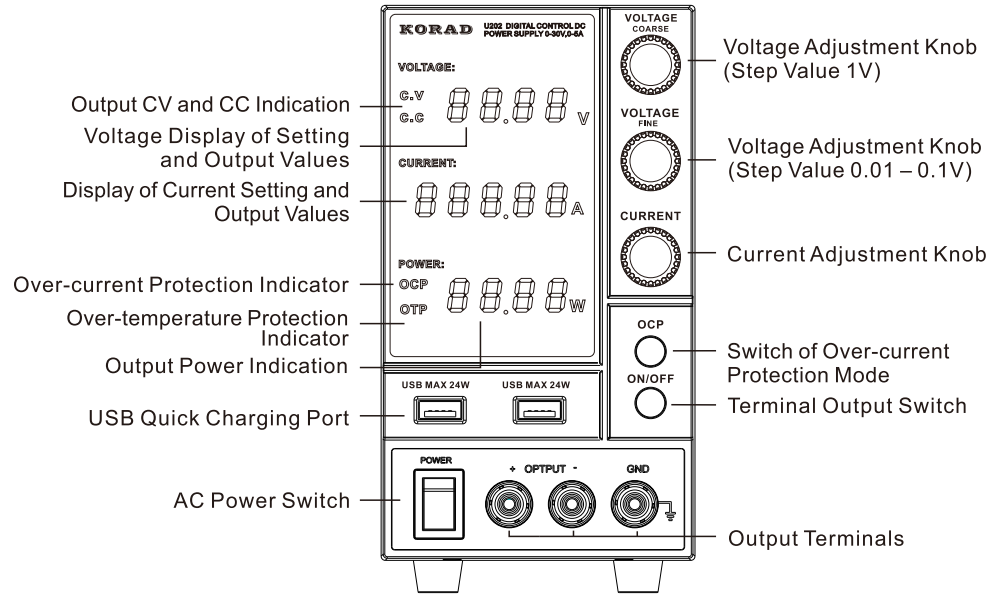
Introduction

With compact size and light weight, U200 series power supplies' min testing current value is 0.1mA, and they have over-current and over-temperature protection functions. Besides, they can control the output through the output switch, and there are shutdown memory function, which is quite suitable for the maintenance of communication and electronic equipment, and the application on electronic experiments, electronic handworks, and factories, etc..

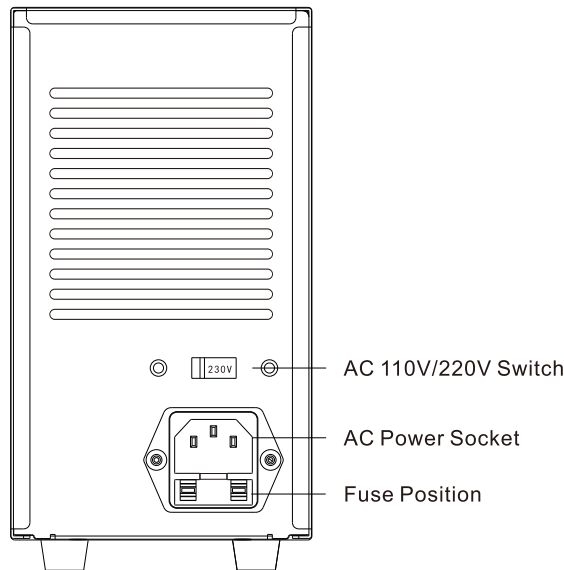
Features:

- High-precision voltage and current display
- Power display
- 0.1mA current display function
- Over-current & over-temperature protection
- Dual fast charging USB port, and max single port is 24W
- Output switch control
- Shutdown memory of the setting values
- Digital-potentiometer & quick-adjustment knob, which can adjust the output quickly and stably

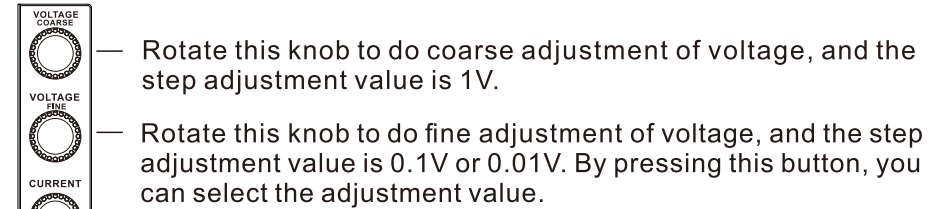
Description of the Operation Panel



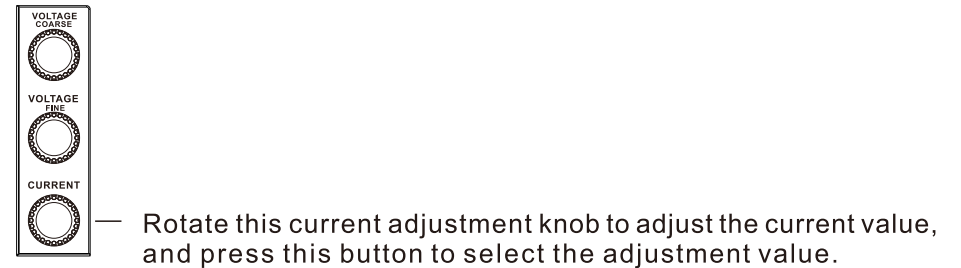
Description of Rear Panel



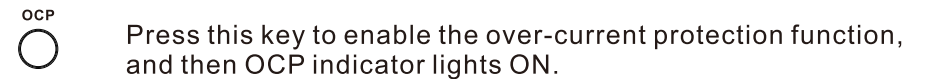
Voltage Setting



Current Setting



Over-current Protection Function



Output Switch Control

