



#### Main feature

- Small body for easy carry
- 180W maximum output power
- High resolution : 1mV / 1mA
- Low ripple/noise
- Over voltage/over current protection
- Multi-directional cooling system with smart fan
- 3.7 inch TFT LCD display
- Support RS232 digital communication
- Support SCPI and Labview

#### Specification

Channel	Single Channel Output
Total Output Power	150W
Channel Output	0 - 30V / 0 - 5A × 1-CH
Display	3.7 inch color LCD display
Dimension	117mm(L) × 194mm(H) × 295mm(D)
Weight Approx.	5.6 kg Approx. 5.8 kg
Interface	RS232

The instrument must be operated continuously for more than 30 minutes at the specified temperature to ensure the following parameters.

#### Rated Output (0°C-40°C)

	Voltage	0 - 30V
	Current	5A

#### Load Regulation

	Voltage	≤0.01%+3mV
	Current	≤0.01% + 3mA

#### Power Regulation

	Voltage	≤0.01% + 3mV
	Current	≤0.01% + 3mA

#### Setting Resolution

	Voltage	1mV
	Current	1mA

#### Read back Resolution

	Voltage	1mV
	Current	1mA

#### Setpoint accuracy (within 12 months) (25°C±5°C)

	Voltage	≤0.03% + 10mV
	Current	≤0.1% + 5mA

#### Readback Resolution (25°C±5°C)

	Voltage	≤0.03% + 10mV
	Current	≤0.1% + 5mA

Note: Specifications are subject to change.

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Order Code - PPS 4305  
Power Supply Programmable DC, 3.7" Coloured LCD,  
0-30V/5A , 150W , USB+RS232+Software

Ripple/Noise (20Hz-20MHz)

	Voltage (Vp-p)	$\leq 4\text{mVp-p}$
	Voltage (rms)	$\leq 1\text{mVrms}$
	Current (rms)	$\leq 4\text{mA rms}$

Output temperature coefficient (0°C-40°C)

	Voltage	$\leq 0.03\% + 10\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$

Readback temperature coefficient

	Voltage	$\leq 0.03\% + 10\text{mV}$
	Current	$\leq 0.1\% + 5\text{mA}$

Response Time	100 ms
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Storage	5 groups of data
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Working Temperature	0-40°C
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