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### RUIDENG DPH3205 160W Buck-boost Converter Constant Voltage Current Programmable Digital Control Power Supply Module Color LCD Voltmeter

★★★★★ 5.0 (23 Reviews) | Ask a question | Product ID: 1105294

In stock, usually dispatched in 1 business day

Price: **Kr 269.58** ~~Kr423.45~~

Warehouse: **CN Kr269.58**

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#### Product details

#### Shipping methods

#### Payment methods

#### Return Policy

#### Reviews (23)

#### General Information:

Digital Control Buck-Boost Supply Power Module put the collection of analog integration and digital control functions in one. Its adjustable output voltage range is 0-32.00V, step by 0.01V. Its adjustable output current range is 0-5.000A, step by 0.001A. This module has power-down stored function and can store 10 groups preset value. And it also has the function of extracting quickly two groups stored value. Compared with the traditional analog power supply, it is more convenient to quickly extract the voltage or current required. LCD display on the module has the function of digital voltmeter and ammeter. You can view the preset voltage, input voltage, output voltage, the preset current, output current, output power, etc. On the output state remind area, you can see that output opens or not, the state of constant voltage and constant current, output is normal or not, the key is locked or not, and the current data groups that is being used. On the setting data interface, you can adjust overvoltage value, overcurrent value, over-power value, data group and LCD brightness. This module adopts buck-boost structure; when input voltage is lower than, equal to or higher than output voltage, output voltage is still stable and changeless. This feature has wide range of application. If you need the housing of this power supply, please click [here](#) !

#### Technical parameters:

Input voltage range: 6.00-40.00V	Output voltage range: 0V-32.00V
Output current: 0-5.000A	Output power range: 0-160W
Product Weight: about 227g	Display module size: 79*43*41(mm) (L*W*H)
Open size: 71mm*39mm	Power module size: 93*71*41(mm) (L*W*H)
Length of connecting line: 200mm	Fixed hole center distance: 86mm, 64mm
Max allowable input current: 10A	Output ripple: about 100mVpp
Output voltage program and read back resolution: 0.01V	
Output current program and read back resolution: 0.001A	
Output Voltage program and read back accuracy: ± (0.5% + 1 digit)	
Output Current program and read back accuracy: ± (0.5% + 3 digits)	
Temperature of the application environment: -10°C ~45°C	

#### Package included:

1 x DPH3205 Digital Buck-Boost Supply Power Module