**Модел 1 – 13 лв.**

DC-DC step up step down module с дисплей, suitable for solar panel and other high fluctuation external input power supply

Step-up Mode: Input 3.5-28V, output: 1.25-26V

Step-down Mode: Input / Output current (max.): 3A, rated input/output: 1A (Please add cooling fin when working in big current)

Voltage regulating mode: (Step-up) Potentiometer rotates in clockwise, (Step-down) Potentiometer rotates in anticlockwise

LM2577S + LM2596S dual chip modules.

6.6 x 4.7 x 1.4cm

**Модел 2 – 25 лв.**

**Вижте и снимките**

Step Down 5A USB LED Drive Lithium Battery Charger With Voltmeter Ammeter DC-DC step-down CC/CV Voltage Current display Module

**Highlights :**

Contains the voltmeter, ammeter, power meter, USB interface for charging the digital products.

**Note:**

1.When you use the product, the module inputs and outputs to be isolated from ground.

2.USB output voltage is consistent with the module, not a fixed 5V output. When charging for digital equipment, make sure USB output voltage is 5V.

3.Some customers report: “The module can not adjust the output voltage is always equal to the input voltage.” When you encounter this problem, please counterclockwise rotation of the “voltage potentiometer” 10 laps or more, then use the module you can adjust the output voltage. Because the factory default output voltage of about 20V.

**Specifications**

1.Input voltage range:5-36VDC

2.Output voltage range:1.25-32VDC adjustable

3.Output current: 0-5A

4.Output power: 75W

5.High efficiency up to 96%

6.Built in thermal shutdown function

7.Built in current limit function

8.Built in output short protection function

9.Input reverse polarity protection: None (if required, high current diode in series with the input).

10.L x W x H =68.2×38.8×15mm

11.Weight: 39g

**Модел 3 – 27 лв.**

DC-DC 5V12V24V Automatic Step Up and Down Regulator Module Stabilizer 5A/80W With voltage display

Input voltage: DC 4.5 ~ 30V Do not reverse or reverse, or will be damaged

Output voltage: DC 0.5 ~ 33V

Maximum output current: 5A

Maximum output power: 80W long continuous work Please strengthen the heat, it is best to leave a margin

Conversion efficiency: 91% (measured at 12V input, 19V output 2A)

Module size: 78 \* 48 \* 22mm (length and width)

Note: This module is a regulator module, without constant current function, can not output directly to the battery or LED (that is, the output can not directly connected to the battery, such as with the battery itself with a charging circuit can be connected, such as red charge Po, LED Drive there is no problem,).

**Модел 4 – 15 лв.**

DC DC Boost Converter Constant Module Current Mobile Power Supply 250W 10A LED Driver Module Non-isolated Step Up Module

Input voltage: DC8.5V-48V

Input current: 10A (MAX) exceeds 8A please enhance heat dissipation

Quiescent current: 10mA (12V liter 20V, the output voltage, the higher the current will increase too quiet)

Output voltage: 10-50V continuously adjustable

Constant] range: 0.2-8A

Temperature: -40 to + 85 degrees (ambient temperature is too high, please enhance heat dissipation)

Operating frequency: 150KHz

Conversion efficiency: up to 96%

Overcurrent protection: There

Input reverse polarity protection: Yes,

Installation: 4 3mm screw holes

Connection method: Connection Output

Module size: Length 70mm width 36mm height 13mm

Single module: 50 g

**Модел 5 – 5 лв.**

**5A DC to DC CC CV Lithium Battery Step down**

Input voltage: 4-38V

Output voltage: 1.25-36V continuously adjustable

Output current: adjustable, maximum 5A

Output Power: 75W maximum

Working temperature: -40 to + 85 degrees

Operating frequency: 180KHz

Conversion efficiency: up to 96%

Short circuit protection: Yes (limit current 8A)

Overtemperature protection: (automatically shut off the output after overtemperature)

Input reverse polarity protection: None, (if necessary, please enter the string into the high current diode)

Installation: four 3mm screws

Module dimensions: length 51mm width 26mm height 15mm

Weight: 23g