

SENCOR®



USER'S MANUAL

USB CAR ADAPTER (5 V/2 A)

1. Application

This product is suitable for (5V2A TWO USB) car charger
When both USB slots are used, the power take-off is 1 A per slot.
When a single USB slot is used, the power take-off is 2 A.

2. Standard

CCC (GB4943-2001/GB9254-1998/GB17625.1-2003)
CE YD/1032-2001

3. Input Characteristic

3.1 Rated Input Voltage

Normal: 14V

3.2 Input Voltage Range

Input voltage range: 13V~24V

3.3 DC input current

13V-24V Input current under load is 1000mA max

3.4 Peak input current

The maximum peak input current <2000mA (under load)
when power on

3.5 Efficiency

When input voltage is 13~24VDC, charger working
efficiency will be over than 80% under the most load,

4. Output Characteristic

4.1 Rated output voltage

Range: 4.75V ~ 5.25V.

4.2 Output voltage

Un-load output voltage: 4.75V ~ 5.25V

Full load output voltage: 4.75V ~ 5.25V

4.3 Rated output current

Range is 1.8-2.0A under CC mode

4.4 Rate power

Output power: 10.0W

4.5 LED indication function

Charging: Blue

4.6 Overshooting Current

When the charger switches on CV mode, the output overshoot current must be stable in normal range $\pm 10\%$, within 10mS after charging mode changed

4.7 Protection

4.7.1 Over-current protection

Over current protection should be 3.0A max.

4.7.2 Over-temperature protection

Mainly components temperature will be down to 50 °C by automatic, and return to normal output, when mainly components temperature is over 125 °C circuit protection and output is over load.

4.7.3 Short-circuit protection

On 13~24V input conditions, It will do not damage the charger after Output short-circuit, and will cancel short-circuit in order to recover normal output.

5. Environmental demand

5.1 Working temperature

0°C TO 40°C

5.2 Storage temperature

-20°C TO +70°C

5.3 Working humidity

20~85% RH.

5.4 Storage humidity

5 ~ 95% RH.

6. Mechanical demand

6.1 Dimension

91.5(L) * 35(W) *30(H) mm max

6.2 Weight

50g max

6.3 Input plug

Standard cigar suitable for car charger

6.4 Output cable and connector

TWO 4PIN USB CONNECTOR

INSTRUCTIONS AND INFORMATION REGARDING THE DISPOSAL OF USED PACKAGING MATERIALS

Dispose of packaging material at a public waste disposal site.

DISPOSAL OF USED ELECTRICAL AND ELECTRONIC APPLIANCES



The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this product at your applicable collection point for the recycling of electrical & electronic equipment waste. Alternatively in some states of the European Union or other European states you may return your products to your local retailer when buying an equivalent new product. The correct disposal of this product will help save valuable natural resources and help in preventing the potential negative impact on the environment and human health, which could be caused as a result of improper liquidation of waste. Please ask your local authorities or the nearest waste collection centre for further details. The improper disposal of this type of waste may fall subject to national regulations for fines.

For business entities in the European Union

If you wish to dispose of an electrical or electronic device, request the necessary information from your seller or supplier.

Disposal in other countries outside the European Union

If you wish to dispose of this product, request the necessary information about the correct disposal method from local government departments or from your seller.



This product meets all the basic EU regulation requirements that relate to it.

Changes to the text, design and technical specifications may occur without prior notice and we reserve the right to make these changes.