

Universal Laptop Car Charger with USB Charging Port 2.4A

MP3323



User Manual

This compact universal laptop charger allows you to charge your laptop or notebook in your cars. It also has an integrated 5 Volt USB charging port up to 2.4 amps available for you to charge any USB powered devices such as iPhone®, iPad®, iPod®, smart phones, tablets, GPS and etc. There are 13pc interchangeable DC plugs included to suit most of the popular brands laptops and notebooks. Fully automatic intelligent design with “plug n go” function. Please refer to the compatibility chart for details on which tip suits your application.

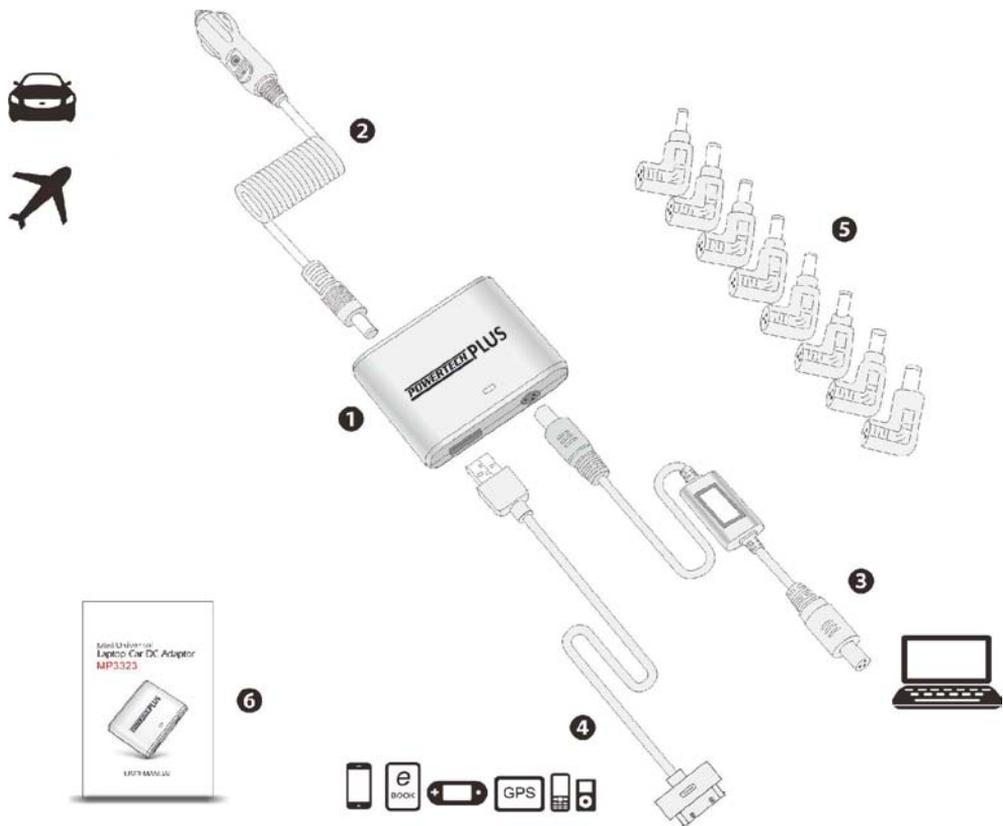
Product Features

- Compact and intelligent design.
- 100% automatic, no need to select voltage, just plug and go.
- Compatible with most laptops and notebooks.
- One USB charging port for iPhone®, iPad®, iPod®, tablets, smart phones and other related USB devices up to 2.4A.
- LCD display on DC cable showing working voltage.
- 13pcs interchangeable tips to suit different brands of laptops and notebooks.
- Multi-Protection to prevent short circuit, overload, over voltage and overheating.

Specification

Product:	Universal Laptop Car Charger with USB Charging Port 2.4A
Model:	MP3323
Input Voltage:	DC 11-15V 10A
Output Voltage:	DC 14V-24V 6A 90W (max)
USB output:	5VDC, 2.4A (max)
Size:	63.5x48.9x16.9mm
Net Weight:	61g
Efficiency:	96%

Product Diagram:

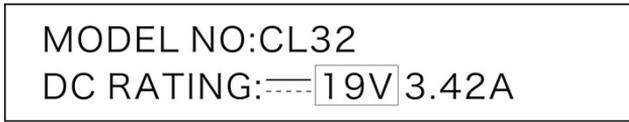


1. Powertech Plus MP3323 Body
2. Car Cigarette Lighter Plug to body
3. LCD display DC cable
4. Mobile Phone USB cable(not included)
5. Laptop DC tips
6. User manual

Operation Instruction

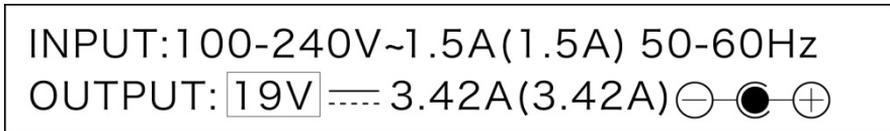
- **Check the DC voltage of your notebook**

Method one: you can check from the back of your notebook.



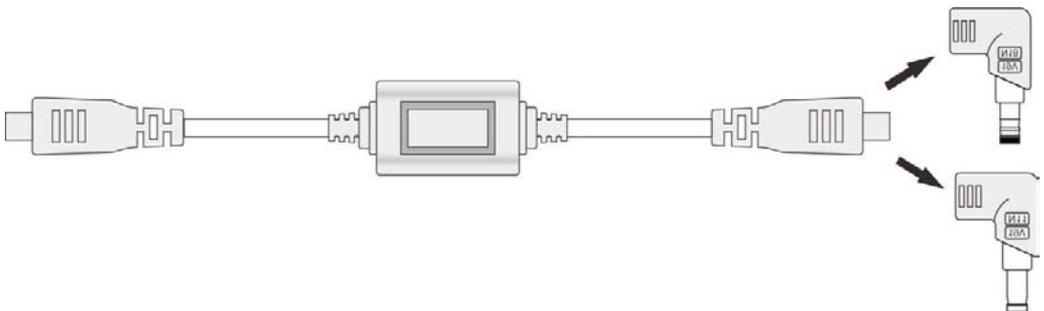
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Voltage=19 Volt

Method two: you can look at the label of your 240VAC notebook charger. Please refer to the output voltage as shown below.



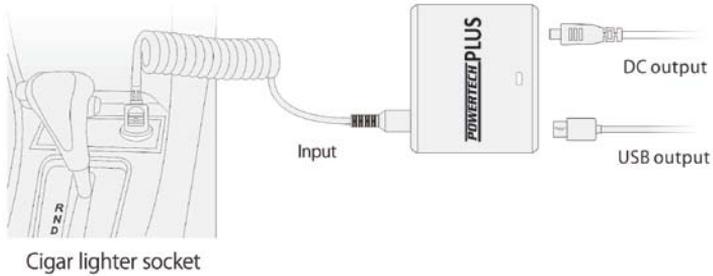
↓
Voltage=19 Volt

Choose the correct laptop dc tip that suits your laptop brand and voltage specifications.
For example like N04; connect it with cable as shown below:



● Charging your laptops and notebooks in cars

Insert the car plug into the cigarette lighter socket; connect the other end of the cable to the input port of the car adapter. Connect the LCD display cable with car adapter output port, and then the LCD display will show N04's output voltage between 19.0V and 19.5V. Connect it to your laptop, and then it will provide the power for your laptops or notebooks.



Caution: This car charger only operate on input voltage from 11-15 volt DC. Any higher input voltage may damage the charger and the equipments it plugged into.

Laptop DC Tip Specification

Tip No	Output Voltage	Voltage	Connector Dimensions	Suitable Brands
N04	19V	18.1-19.9V	4.8*1.7*10.7mm	HP/COMPAQ:18.5V/1.1A,18.5V/2.7A, 18.5V/3.5A, 18.5V/3.8A, 18.5V/4.9A DELTA: 19V/2.64A; ASUS: 19V/2.64A; NEC: 19V/2.64A etc.
N06	16V	15.2-16.8V	6.0*4.4*10.7mm	SONY: 16V/2.5A,16V/2.1A,16V/3.42A, 16V/3.75A,16V/4A. FUJITSU: 16V/2.5A,16V/2.8A,16V/3.36A, 16V/3.75A. PANASONIC: 16V/2.5A etc.
N07	19V	18.1-19.9V	5.5*2.5*10.7mm	IBM:19V/4.2A; DELL:19V/3.16A,19V/3.42A; DELTA: 19V/2.64A; COMPAQ/HP:18.5V/4.9A,19V/4.9A; ASUS:19V/4.74A.LS:20V/3.25A; NEC:19V/2.64A,19V/3.16A; TOSHIBA:19V/3.16A,19V/3.95A,19V/4.74A LITEON:19V/3.16A,19V/3.42A,19V/3.95A,1 9V/4.74A ATEWAY:19V/3.16A,19V/3.42A,19V/3.68A,1 9V/4.74A etc.
N09	19.5V	18.5-20.4V	6.0*4.4*10.7mm	SONY: 19.5V/2.15A,19.5V/2.7A,19.5V/3A, 19.5V/4.1A,19.5V/4.7A;FUJITSU:19V/3.16A, 19V/3.69A,19V/4.22A etc.
N13	15V	14.3-15.7V	6.3*3.0*10.7 mm	TOSHIBA:15V/3A,15V/4A,15V/5A,15V/6A etc.

N14	16V	15.2-16.8V	5.5*2.5*10.7 mm	IBM: 16V/2.2A,16V/3.36A,16V/3.5A,16V/4.5A etc.
N17	19V	18.1-19.9V	4.8*1.7*10.7 mm (Slim)	HP/COMPAQ: 18.5V/4.9A, 19V/4.74A etc.
N18	19V	18.1-19.9V	5.5*2.1*10.7 mm	ACER:19V/3.16A,19V/3.42A,19V/4.74A; LITEON:19V/3.16A,19V/3.42A; NEC:19V/3.16A etc.
N19	19V	18.1-19.9V	5.5*3.0*10.7 mm	SAMSUNG:19V/2.1A,19V/3.16A,19V/3.75A, 19V/4.22A,19V/4.74A etc.
N22	19.5V	18.5-20.4V	7.4*5.0*12.5 mm	DELL:19.5V/3.34A, 9.5V/4.62A etc.
N23	18.5V	17.5-19.4V	7.4*5.0*12.5 mm	HP/COMPAQ: 18.5V/3.5A, 18.5V/4.9A etc.
N24	20V	19.0-21.0V	7.9*12 *5.5 mm	IBM/LENOVO: 20V/4.5A, 20V/3.25A etc.
N35	20V	19.0-21.0V	rectangular tip with pin in the center	LENOVO: 20V2.25A, 20V3.25A, 20V4.5A.

Notes:

1. All the listed brand names are registered trademarks of their respective companies.
2. The connectors may not be suitable for the latest models of the listed brands due to the change of designs of the connections or the required voltage.

Important Safety Information

- Read all instructions in this user manual carefully before using this charger.
- Please do not attempt to open, repair or modify any part of this unit or its accessories. Such actions will void warranty of this product.
- Please do not get any part of the device and its accessories wet.
- Please only use this unit in vehicles with 12VDC power outlets (cigarette lighter outlet).

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