Now, enjoy your trip with the world’s smallest universal DC adapter with 90W power for notebooks and USB chargeable devices. Since its very small, so it can be easily and conveniently carried with great convenience and it can power your laptop and devices in cars. Moreover, this adapter also has an integrated 5 Volt USB charging port, which allowing you to charge accessory devices through USB port without any additional power adapters. With our ultra slim and smart power adapter, you’ll find an ideal companion for your myriad pursuits in life.
Product Features

- Mini and intelligent design
- 100% automatic, no fiddly switch, just plug and go.
- Supplies power for Notebook, Netbook
- USB Charging port: iPhone®, iPad®, Smartphone, Tablet, PSP, MP4 and other related USB devices everywhere
- Portable and convenient, smart partner for travel
- Optional DC tips, compatible with different brands of laptop and netbooks.
- Multi protections: short circuit, over current, over voltage, over temperature protections.

Specification

**Product: Mini Universal Laptop Car DC Adaptor**

- **Model:** DA-10191
- **Input:** DC 11-15V 10A
- **Output:** DC 14.5V-24V 6A 90W (max)
- **USB output:** 5V2.4A
- **Power:** 90W max.
- **Size:** 63.5 x 49 x 17 mm
- **N.W.:** 55 g
- **High Efficiency:** 96%
Product Diagram:

1. DA-10191 Adapter Body
2. Car charging cable
3. Laptop prolong DC cable
4. USB cable (not included)
5. Laptop DC tip (Optional)
6. User manual
Operation Instruction

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

```
MODEL NO: CL32
DC RATING: 19V 3.42A
```
Voltage = 19 Volt

Method two: you can look at the label of your notebook adaptor.

```
INPUT: 100-240V ~ 1.5A (1.5A) 50-60Hz
OUTPUT: 19V 3.42A (3.42A) - - +
```
Voltage = 19 Volt

Choose the right laptop DC tip, for example like N04, you'll find output voltage 19V which is engraved on the tip. Connect it with prolong cable as below:

Caution: This adapter supports voltage output ranging from 14.5-24 volts. Please be informed that using this adapter to charge a notebook outside of the 14.5-24 volts range may damage the notebook.
**Charge or supply power for laptops and mobile phones**

Insert the car plug to the cigar lighter socket, and then connect the other end to the input port of our car adaptor. Select the right laptop DC tip or USB cable and connect it to the DC output or USB output of car adaptor, then it can charge or supply power for your laptops and mobile phones.
## Laptop DC Tip Specification

<table>
<thead>
<tr>
<th>No</th>
<th>Output Voltage</th>
<th>Range Voltage</th>
<th>Connectors Spec.</th>
<th>Replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>N09</td>
<td>19.5V</td>
<td>18.5-20.4V</td>
<td>6.0<em>4.3</em>10.7mm</td>
<td>SONY: 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</td>
</tr>
<tr>
<td>N11</td>
<td>19V</td>
<td>18.1-19.9V</td>
<td>5.5<em>1.7</em>10.7mm</td>
<td>TOSHIBA: 19V/3.95A; ACER: 19V/3.42A; DELTA: 20V/3.5A</td>
</tr>
<tr>
<td>N19</td>
<td>19V</td>
<td>18.1-19.9V</td>
<td>5.5<em>3.0</em>10.7mm</td>
<td>SAMSUNG: 19V/3.16A, 19V/3.75A, 19V/4.22A, 19V/4.74A</td>
</tr>
<tr>
<td>N22</td>
<td>19.5V</td>
<td>18.5-20.4V</td>
<td>7.4<em>5.0</em>12.5mm</td>
<td>DELL: 19.5V/3.34A, 19.5V/4.62A</td>
</tr>
<tr>
<td>N23</td>
<td>18.5V</td>
<td>17.6-19.4V</td>
<td>7.4<em>5.0</em>12.5mm</td>
<td>HP/COMPAQ: 18.5V/3.5A, 18.5V/4.9A etc.</td>
</tr>
<tr>
<td>N24</td>
<td>20V</td>
<td>19-21V</td>
<td>7.9<em>5.5</em>0.9mm</td>
<td>IBM/LENOVO: 20V/4.5A, 20V/3.25A etc.</td>
</tr>
<tr>
<td>N35</td>
<td>20V</td>
<td>19-21V</td>
<td>11<em>5.6</em>11mm square tip</td>
<td>Lenovo: 20V/2.5A, 20V/3.25A, 20V/4.5A</td>
</tr>
<tr>
<td>N36</td>
<td>19.5V</td>
<td>18.5-20.4V</td>
<td>4.5*3.0 with pin</td>
<td>HP:19.5V/2.31A, 19.5V/3.33A, 19.5V/4.62A</td>
</tr>
</tbody>
</table>

### Notes:
1. All listing of brand names are registered trademarks of their respective companies.
Important Safety Information

The user manual is to help you use the power adapter safely, to ensure your personal safety, and to reduce the risk of fire, electric shock, or injury.

• Read all instructions in this user manual carefully before using the adapter.
• Do not open the device. There are no serviceable parts inside. Please always follow all the warnings and instructions closely.
• Your adapter should be used with cables and tips approved by Assmann Electronic GmbH only. Using your adapter with non-approved cables and tips may result in serious or fatal injury, and/or property damage.
• Do not operate the adapter near a heat source, a heat went or under direct sunlight. Your adapter should be used in temperatures between 0°C-35°C (32°F-95°F).
• Do not ever cover the adapter with papers or other materials that reduce the cooling.
• To prevent injury and/or property damage, disconnect the input power cable from the adapter when it is not used. Please do not leave the adapter unattended while using it.
• The adapter may become hot during normal operation. Please handle the adapter with caution during or immediately after operation.
• Do not use your device in a wet environment. For example, near bath tubs, sinks, swimming pools, or in wet basements.
• Use the adapter only in automotive vehicles with 12Volt.
• Before cleaning the device, disconnect the device from the electrical outlet. Clean the device with dampened soft cloth. Do not use liquid or aerosol cleaners, which may contain flammable substances.
• Do not attempt to repair, modify, or tamper with the external or internal components of the adapter. Doing so will void the warrant and may lead to serious or fatal injury and/or property damage.
Hereby ASSMANN Electronic GmbH, declares that this device is in compliance with the requirements of Directive 2014/30/EU (EMC), Directive 2014/35/EU (LVD) and the Directive 2011/65/EU for RoHS compliance. The complete declaration of conformity can be requested by post under the below mentioned manufacturer address.

**Warning:**
This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.

[www.assmann.com](http://www.assmann.com)
Assmann Electronic GmbH
Auf dem Schüffel 3
58513 Lüdenscheid
Germany