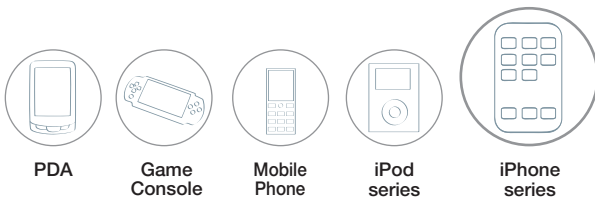


# Vehicle / Aircraft



## Universal Laptop Adaptor (90W) with USB Port

- ▶ Vehicle/Aircraft Universal Laptop Adaptor (90W) with USB Port
- ▶ EmPower connector for laptop power on aircraft
- ▶ 12V-32V DC connector for vehicles
- ▶ Aircraft, Cars, Boats, Articulated Lorries, Caravans
- ▶ Interchangeable DC laptop connectors
- ▶ Output DC voltage automatically set by the DC connector selected for your laptop.
- ▶ Overload shutdown protection
- ▶ USB port to charge any USB chargeable device, such as mobile phones, MP3s, iPod, iPad, iPhone and many more.
- ▶ USB port output 5V max 2000mA
- ▶ 3 digit LED voltage indicator
- ▶ Most DC connectors included for the common laptop models of the listed brands



LED display indicates output voltage for laptop



## USB Charger

For all electronic devices with USB charging facilities

\*iPod/MP3 Player/USB cable not included

*Power a laptop while simultaneously powering and charging a USB device  
- on a plane, in a car, on a boat, in a caravan...*



EmPower Connector for aircraft

12-32V DC for vehicles  
- cars, articulated lorries,  
caravans, boats



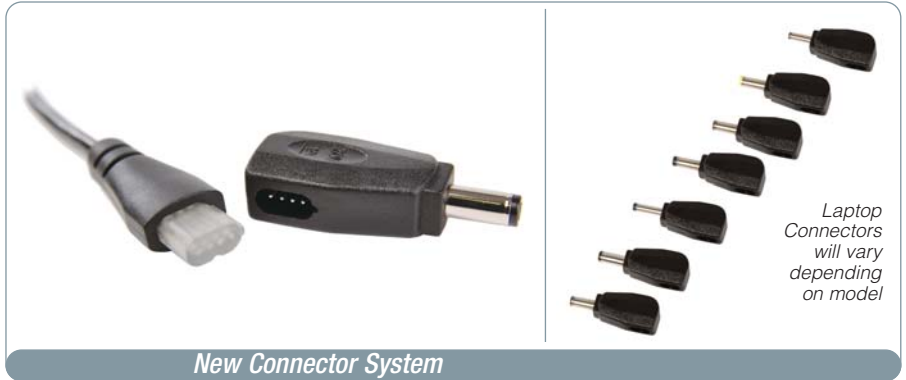
# Compatible Laptop Brands/Models

## Laptop Brands Compatible with Universal Laptop Power Adaptor

The hähnel Aircraft/Vehicle Universal Laptop Power Adaptor is a mains adaptor specifically designed for use with most popular laptop brands.



- Acer
- Asus
- Dell
- HP/Compaq
- Lenovo
- Samsung
- Toshiba
- Sony



Specifications Vehicle / Aircraft Universal Laptop Adaptor	
Input Voltage	12V-32V DC 10A Max.
Power Output	90W Max. Continuously Rated
Laptop Output Voltage	Determined by fitting the DC connector
USB Output	5V 2000mAh (Max) +/- 5%
Laptop Output short circuit protected, max current limited.	
USB Output short circuit protected	
LED turns off if short circuit	
Dimensions	109 x 51 x 30mm
Weight	291g

## Also available from hähnel

### Slim Laptop & USB Power Adaptor (90W)

- Sony
- HP/Compaq
- Lenovo
- Acer
- Toshiba



### Netbook Power Adaptor

- HP/Compaq
- Lenovo
- Samsung
- Asus
- Acer
- Toshiba Mini



### + USB Charger

For all electronic devices with USB charging facilities

[www.hahnel.ie](http://www.hahnel.ie)

a product of hähnel industries, Ireland.

Head Office: hähnel Industries Ltd, Ireland. [info@hahnel.ie](mailto:info@hahnel.ie) Hong Kong Office: hähnel Innovations Ltd, Hong Kong. [info@hahnel.com.hk](mailto:info@hahnel.com.hk)