



## Qoltec Power adapter for HP | 90W | 19.5V | 4.62A | 4.5\*3.0+pin | +power cable

Product code: 50052

The universal Qoltec power adapter dedicated to a laptop is a guarantee of safe power supply and use. It is characterized by high efficiency, which reduces energy consumption.

We invite you to familiarize yourself with the full range of our power adapters. The [configurator](#) will help you choose the right model.

### A SOLUTION DEDICATED TO YOU

When it comes to power supplies, reliability is crucial. Select a Qoltec power adapter dedicated to HP laptops. It is made of the highest quality materials, and the technologies used in it allow for low energy consumption and high efficiency.

Package contents power supply with velcro to organize the cable, thanks to which you can adjust the length of the cable.

### ADAPTING THE POWER SUPPLY - WE GIVE A HELPING HAND

It is very important to match the right AC adapter for your laptop model. You can reduce the forced break in activity to a minimum by following these simple rules:

You can read the basic parameters from the label on the bottom of the laptop, they will be: POWER (W), VOLTAGE (V), CURRENT (A). The following points will dispel any doubts that may arise when making your choice of equipment:

1. **POWER (W)** - this number indicates the minimum value that a new power supply should have. Nothing prevents you from using a product with a higher strength. Thanks to this, it will be less loaded, and therefore it will heat up less.
2. **CURRENT (A)** - here, as in the case of POWER, the value on the new power supply may be equal to or higher than that indicated on the rating label of the laptop.
3. **VOLTAGE (V)** - the number for this parameter is more restrictive. Only a fluctuation of +/- 0.5V is allowed.

The last and equally important issue is the **PLUG**. You can't move without it! There are no exceptions here, it must be identical to the original. The size shown is the outer diameter and inner diameter of the pin. If a comparison based on the presented photo is not enough, a measurement will be necessary, which will ultimately confirm your choice.

### SAFE POWER SUPPLY IN A UNIVERSAL VERSION

**Invest in security** - it never loses its value. Made of the highest quality materials makes the Qoltec power supply an object worthy of your attention. It will ensure the expected stability of work thanks to special safeguards:

- **against overvoltage:** protects against too low or too high voltage,
- **against overloads:** protects against overloading the power line,
- **against short circuits:** protects against short circuits in the power circuit,
- **thermal:** protects against damage caused by overheating.

### CONFIDENCE CONFIRMED BY A WARRANTY

You value the quality of purchased equipment so our projects and solutions are focused on meeting your expectations. Qoltec universal power adapter is covered by 36 months warranty.

## TECHNICAL DATA

Producer	Qoltec
Designed for brands	HP/Compaq
Plug type	4.5 * 3.0 mm + pin
Usable power	90 W
Input voltage	220 - 240 V
Output voltage	19.5 V
Output current	4.62 A
Frequency	50 - 60 Hz
Efficiency	Level VI
replaces	PPP012A-S, 677777-004, 609940-001, ADB019020G2
Safety	Overvoltage protection Overload protection Short-circuit protection Overheating protection
Usage	Laptop
Additional information	AC / DC power supply intended for telecommunications equipment and for automatic data processing equipment and devices for these machines.
Configurator	<a href="http://notebookspareparts.com/">notebookspareparts.com/</a>
Cable length	1.37 m
Dimensions	125 x 50 x 30 mm
Colour	Black
Package contents	Power adapter Velcro to organize cable Power cable Warranty card
Net weight [kg]	0.2630
Gross weight [kg]	0.4310
Warranty	36 months
Package depth / length [mm]	135
Package width [mm]	50
Package height [mm]	230
EAN code	5901878500522