

**KERIO**

# Universal Notebook Car/Air Power Adaptor



*Keep your notebook recharged and powered while traveling*



**72W**



**90W**



e13 021082  
SP 216077  
GS E229348  
UL FC  
FAA quality compliant for safety and EMC (RTCA DO-160C)

GS E229348  
UL FC  
E13 10R 02044  
FAA quality compliant for safety and EMC (RTCA DO-160C)

# Energy Knight

**Universal Car/Air Adaptor** allows notebook users to power and charge their notebooks easily while traveling in car or on an airplane.

- Adaptors included for both car and airplane connections.
- Connect to Empower installed in airplane seats or a standard cigarette lighter plug.
- Compatible with most notebook models.
- Light and compact.
- Over 90% Power efficiency.

## 72W



## 90W



**USB Port** enable you to use USB charging cable to charge a mobile phone or PDA

### Specifications

<b>Input</b>	
Voltage	11~15VDC
Maximum input surge current	30A
Maximum input power	80W
Fuse type of cigarette plug	User replaceable fuse, Fail-safe fuse 5AG, 8A 250V

<b>Output</b>	
Voltage	15~24VDC
Maximum current output	5.0 Amp
Power	72W (Max.75W)

<b>Physical</b>	
Case Dimensions	95 (L) x 42 (W) x 21 (H) mm
Total Length	1.3M +/- 5%
Total Weight	130g
Construction	UL rated 94V-0
Color	Matted Black

**Certification Approvals**  
FCC, CE, E-mark, UL, CSA, TUV, RTCA DO-160D

### Specifications

<b>Input</b>	
Voltage	11~15VDC
Maximum input surge current	30A
Maximum input power	110W

<b>Output</b>	
Voltage	15~24VDC
Maximum current output	6.0 Amp
Power	90W (Max.100W)
USB Output	5VDC 500mA

<b>Physical</b>	
Case Dimensions	100 (L) x 48 (W) x 24 (H) mm
Total Length	1.3M +/- 5%
Total Weight	170g
Construction	UL rated 94V-0
Color	Matted Black

**Certification Approvals**  
UL, TUV, FCC, E-mark, RTCA DO-160D

## Universal Powering Accessories

### Notebook DC Power Connector

**Center Polarity+**,

- Type A OD: 6.5mm, ID: 4.5mm
- Type B OD: 6.3mm, ID: 3.0mm
- Type C OD: 5.5mm, ID: 2.5mm
- Type D OD: 5.5mm, ID: 2.1mm
- Type E OD: 4.75mm, ID: 1.7mm
- Type F 7.4mm X 6.3mm
- Type G OD: 9.2mm, ID: 3.5mm
- Type Q OD: 7.7mm, ID: 2.5mm



### Output Voltage Adjustment Device

- Purple (15V)
- Blue (16V)
- Red (18V)
- Green (19V)
- Black (20V)
- Orange (24V)

