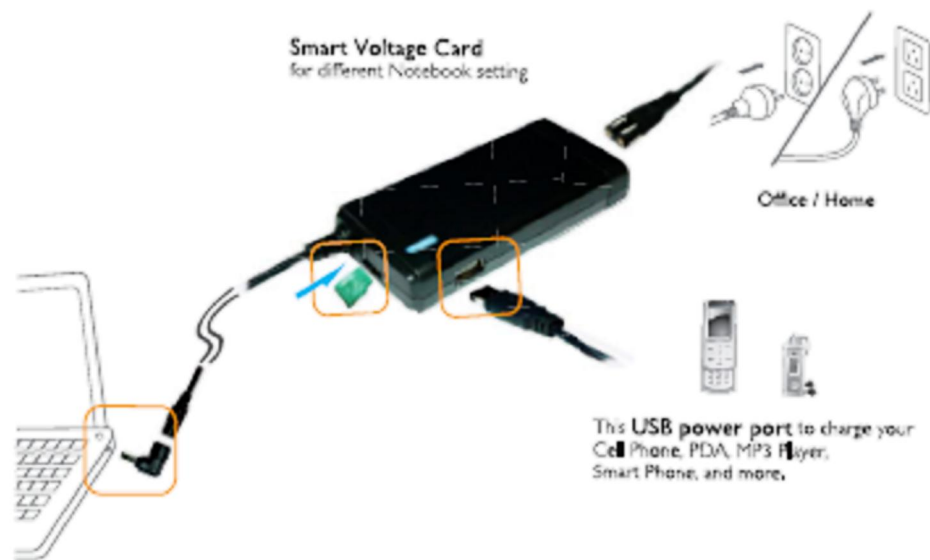


# Universal Notebook AC Power Adaptor



## Built-in USB power ports

Built-in USB power function to charge cell Phone, PDA, MP3 Player, Smart Phone, and more



## Universal Function

This 120W max power adaptor can work with most popular notebook brands. Compatible with Acer, Asus, Dell, HP, Lenovo, LG, and MSI.



## High safety protection

Over current protection; over voltage protection; over temperature protection; short-circuit protection.

# **AD-100S**

## **AC to DC Home/Office Universal Power Adaptor**

### **Features**

#### **High Quality**

- **Slim & Light Weight**

- \* 90W Real Continuous Power

- \* 100W Max.

#### **High Reliability**

- \* MTBF 50Khrs min at 25°C at full load

#### **High Environmental Standard Spec**

- \* High Efficiency

- \* Low Ripple & Noise

- \* Green power available

- RoHS & REACH Approval by TUV

- \* Meet CEC and EPA requirements

#### **High Safety**

- \* 100% burn-in, Hi-pot test for each unit

- \* Over Voltage Protection

- \* Over Current Protection

- \* Over Temperature Protection

- \* Short Circuit Protection

## **General Specification**

<b>Input</b>	
Voltage	100~240VAC
Frequencny Range	47~63Hz
Max input current	2A
<b>Efficiency</b>	
	≥ 87% 100Vac / Ful
	≥ 90% 240Vac / Full
<b>Environmental Spec</b>	
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 65°C
<b>Physical</b>	
Case Dimensions	145(L) x 60(W) x 20.5(H)mm
Input AC Power Plug	0.65M
Output DC Power Cable	1.65M
Weight	300g
Construction	PC 130°C Anti-Fire Spec, UL rated 94V-0
<b>Output</b>	

o/p range V	No load V V	Full load A	Full load V	Max ripple mV	O/P W	I/P W	Efficiency %
20	20.37	4.74	19.93	300	94.47	105.10	89.88
19	19.44	5	18.95	120	94.75	106.00	89.39
18	18.27	4.74	17.78	120	84.28	94.30	89.37
16	16.36	4.74	15.92	120	75.46	84.10	89.73
15	15.27	4.74	14.84	100	70.34	80.00	87.93

USB 5 V : Measured 4.85 V at full load (1 A) : OK

## **Certification Approvals**

