

# UNIVERSAL AC ADAPTOR LS-PAB90AA



## INSTRUCTION

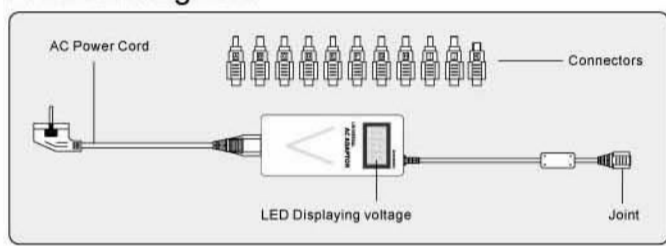
### Product Feature:

- Advanced microcomputer CMOS chip help to control, displays voltage and switches voltage automatically
- Multi-types of exchangeable connectors use for laptops and other digital products
- Safe and reliable with 15-24V output voltage
- Input 100-240V worldwide compatible
- 100,000 grade anti-static safety design
- Strong fire-proofing protection case design
- Installing EMC and EMI, that's for absorbing in-burst current and restraining electric circuit

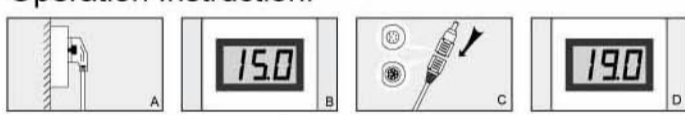
### Product Components:

- AC Adaptor
- 15 Optional Connectors: Connector A, B, C, D, E, F, G, H, I, J, K, L, M, N and O.

### Product Diagram:



### Operation Instruction:



1. Switch on the AC power (Picture A).
2. The LED shows 15.0 -15.5V (Picture B).
3. Choose the connector which you need and put it to the DC joint. Eg.: Connector A (Picture C).
4. The LED will show the relevant voltage (Picture D). Eg.: connector A is 19V-19.5V.
5. Insert the joined DC connector to your laptop.

**ATTENTION:** Please check the specification of the connectors that you need before using!

### Important notice:

Due to the influence of fluctuating electric voltage there will be +/-0.1V on display.

Before purchasing this item, please read carefully your laptop user manual to ensure the technical datas are compatible with your laptop. We are not responsible for any damage caused by uncorrect operation.

### Caution:

Don't try to disassemble or open the cover under any circumstance. Please make sure the DC voltage of your device uses is 15V-24V. You can find the DC voltage on your computer or the original AC adaptor. Please make sure the adaptor connector can insert into your laptop.

### Connectors Specification:

No.	Output Voltage	Range Voltage	Output Current (max)	Connectors spec.	Replacement Models
A	19V	18.2-19.5V	4.74A	φ4.8*1.7*10.7mm DC-F	HP/COMPAQ:18.5V/2.7A, 18.5V/3.5A, 18.5V/3.8A, 18.5V/4.9A; DELTA:19V/2.64A; ASUS:19V/2.64A; NEC:19V/2.64A etc.
B	15V	14.2-15.5V	6A	φ6.3*3.0*10.7mm	TOSHIBA:15V/3A, 15V/4A, 15V/5A, 15V/6A; NEC:15V/6A etc.
C	19V	18.2-19.5V	4.74A	φ5.5*2.1*10.7mm DC-F	ACER:19V/3.16A, 19V/3.42A, 19V/4.74A; LITEON:19V/3.16A, 19V/3.42A; NEC:19V/3.16A etc.
D	19V	18.2-19.5V	4.74A	φ5.5*2.5*10.7mm DC-F	IBM:19V/4.2A; DELL:19V/3.16A, 19V/3.42A; COMPAQ/HP:18.5V/4.9A, 19V/4.9A; DELTA:19V/2.64A; TOSHIBA:19V/3.16A, 19V/3.42A, 19V/4.74A; ASUS:19V/4.74A, LS:20V/3.25A; LITEON:19V/3.16A, 19V/3.42A, 19V/3.95A, 19V/4.74A; NEC:19V/2.64A, 19V/3.16A, GATEWAY:19V/3.16A, 19V/3.42A, 19V/3.88A, 19V/4.74A etc.
E	16V	15.2-16.5V	5A	φ5.5*2.5*10.7mm DC-F	IBM:16V/2.2A, 16V/3.36A, 16V/3.5A, 16V/4.5A etc.
F	19V	18.2-19.5V	4.74A	φ5.5*3.0*10.7mm pin1.0	SAMSUNG: 19V/3.16A, 19V/3.75A, 19V/4.22A, 19V/4.74A etc.
G	16V	15.2-16.5V	5A	φ6.0*4.3*10.7mm pin1.0	SONY: 16V/3.42A, 16V/3.75A, 16V/4A FUJITSU: 16V/3.36A, 16V/3.75A etc.
H	19.5V	18.7-20.5V	4.5A	φ6.0*4.3*10.7mm pin1.0	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 etc.
I	19V	18.2-19.5V	4.74A	φ5.5*1.7*10.7mm DC-F	TOSHIBA: 19V/3.95A; ACER: 19V/3.42A; DELTA: 20V/3.5A etc.
J	19.5V	18.7-20.0V	4.62A	φ7.4*5.0*12.5mm pin0.6	DELL: 19.5V/3.34A, 19.5V/4.62A etc.
K	20V	19.2-20.5V	4.5A	W7.3*7.4mm	DELL: 20V/3.5A, 20V/4.5A etc.
L	22V	21.2-22.5V	2.04A	φ3.5*1.35*9.5mm	SHARP: 22V/1.8A, 22V/2.04A etc.
M	20V	19.2-20.5V	4.5A	φ7.9*12φ9.5mm	IBM/LENOVO: 20V/4.5A, 20V/3.25A etc.
N	24V	23.2-24.5V	2.7A	7.7*2.5*4.3mm	APPLE: 24V/2.65A, 24V/2A, 24V/1.875A etc.
O	24V	23.2-24.5V	2.7A	9.5*3.5*4.0mm	APPLE: 24V/2.65A, 24V/2A, 24V/1.875A etc.

The above brand is original patent.