



### INPUT SPEC.

Input Voltage Range	90~264Vac
Input Frequency Range	47~63Hz
Input Current	1.5A@100V; 0.8A@240V
Inrush Current	150A max.@240Vac input
No Load Power Consumption	0.5W@115 & 240Vac
Efficiency	90% @230Vac typical load

### OUTPUT SPEC.

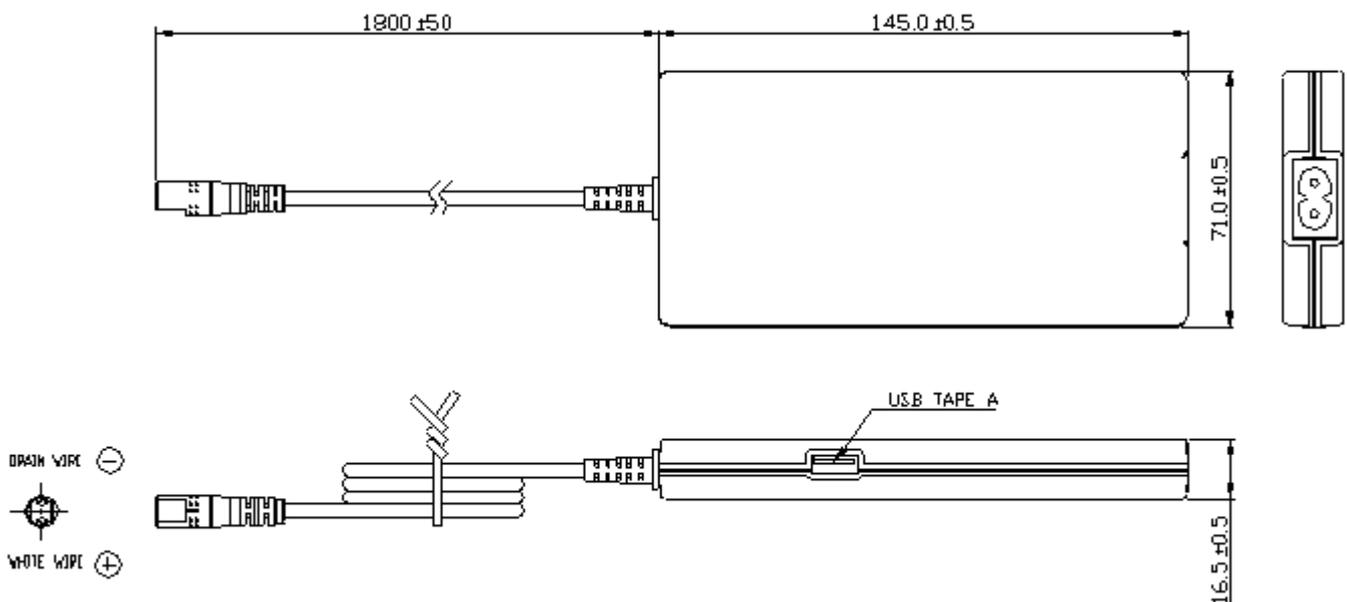
Output	Load Range		Regulation (V)	Rated Power
	Min.	Max.		
19V	0A	4.74A	18.5V ~ 20V	90W
5V	0A	1A	4.75V ~5.25V	5W

Ripple Noise	19V: 300mVp-p; 5V: 200mVp-p
Hold-up Time	5 ms min.@115Vac & 230Vac input, full load
Turn-on Delay	3 sec. max.@115Vac & 230Vac full load
Rise Time	50ms max.@115Vac & 230Vac full load

### ENVIRONMENTAL SPEC.

Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 65°C

### OUTLINE DRAWING



### MODEL SELECTION

Part Number	PFC	Input Voltage
AD7048	Active PFC	100~240Vac

### FEATURES

- Equipped with a 5V USB port for charging mobile devices such as mobile phone, MP3, CD player, PDA...
- 7 tips included to comply with Acer, Asus, Clevo, Compaq, Fujitsu, Gateway, Hitachi, HP, IBM, Lenovo, NEC, Panasonic, Samsung, Sharp, Sony, Toshiba ... notebooks
- CC & CV design enhances stability & increase battery life
- 40°C real wattage
- 3 years warranty service
- OTP, OCP, OVP, SCP
- Approved with 9 safety certificates
- Quality assurance by world's top notebook brands/makers
- Travel bag is included

### GENERAL SPEC.

OVP	OVP trip and latch at 29V max.
SCP	It shall not result in a fire hazard, shock hazard, or damage to the power unit
OTP	No Damage and shutdown
OCP	7.4A max for 19Vdc and 4A max for 5Vdc, Hiccup mode
Leakage Current	250uA max. at 254Vac 50Hz resistor load
RFI / EMI	FCC Class B, CISPR22 Class B
MTBF	100Khrs min at 25°C at full load
Weight	300g+/-20g
Dimensions	71*145*16.5mm

**w/ USB charger**  
**Light 300g**  
**Slim 1.65cm**  
**Efficiency 90%**

### SAFETY

CB, UL, FCC, VCCI, CE, PSE, PSB, RCM, BSMI, CCC