

# Universal AC Adapter

Model Code  
**SPN90W**

## Product Description

Universal AC Adapter Notebook SPN90W is the ideal solution for all computer owners. Includes a wide range of output voltages - from 12V to 22V.



## PRODUCT SPECIFICATIONS

<b>Description:</b>	Switching Mode Regulated Adapter
<b>Model No.:</b>	SMP-90W
<b>Primary Voltage and Frequency:</b>	100-240V AC 50/60Hz
<b>Secondary voltage:</b> (Test method according to EN60950)	12V DC 6A± 10%; 14 / 15 / 16V DC 5A ± 10%; 18 / 18.5 / 19 / 19.5 / 20V DC 4.5A ± 10% 21 / 22V DC 4A± 5% 90W max.
<b>AC Plug:</b>	VDE type power cord with earth
<b>DC Plug:</b>	Detachable plug with 2M of cable
<b>Dimensions:</b>	154mm(L) x 59mm(W) x 38mm(H) (not including cord)
<b>Weight:</b>	462 grams (not including cord)

## TESTING CIRCUIT ON OUTPUT

A = Amperemeter  
V = Voltmeter  
R = Variable resistor

