



Minwa Electronics Co.,Ltd

® Minwa Green Energy Electronics Co.,Ltd

MW2107GS • AC/DC switching adapter





1. Input

Input Voltage (V)	100~240Vac
Input Frequency (Hz)	50/60Hz
No load power consumption (W)	<0.5W
Input full load current (at 120 Vac)	1.3A
Input power	76.5W Max.

2. Output

Light load output voltage	9.5/12/14/16/18.5/19/20 V dc \pm 10%
Full load output voltage	9.5/12/14/16/18.5/19/20 V dc \pm 10%
Min load output current	0A
Max load output current	3.5A@9.5/12/14/16/18.5V dc; 3.4A@19V dc; 3.25A@20V dc
Noise test bandwidth	20MHz Each output bypassed by a 10uF electrolytic capacitor parallel with a 0.1uF ceramic capacitor to GND
Line regulation	0.5% Input 90 to 254Vac output loaded at full load
Setup, rise, hold uptime	200ms, 30ms, 17ms/115Vac; 200ms, 20ms, 80ms/230Vac

3. Overall performance

Total output power	65W Max
Efficiency	COMPLIED with EUP

4. Protection

- Over current protection
- Over voltage protection
- Over power protection
- Short circuit protection
- L.P.S (Limits for power source)
- Other

5. Hi-Pot

Input to Output	3000Vac	5mA	50/60Hz
Input to case	3000Vac	5mA	50/60Hz
Output to case	1500Vac	5mA	50/60Hz
Isolation resistance	100	M Ohms I/P O/P	I/P/Enclosure
Appliance	Class I <input type="checkbox"/>	II <input checked="" type="checkbox"/>	III <input type="checkbox"/>



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6. Environmental

Operating temperature	0°C to 25°C
Storage temperature	-20°C to 60°C
Operating humidity	20%-85% RH. Non-condensing
Storage humidity	10%-90% RH. Non-condensing

7. Safety standards

Safety standards	GS
EMC standards	CE

8. Reliability

MTBF	50000 hours min
Burn-in	4 hours 25°C, full load, 220Vac, 50Hz

9. Mechanical specification

Dimension	112 mm(L)*49 mm(W)* 30mm(H)
Weight	340g MAX exclude packing
Input cord	
Input plug	EU
Output cord	
Output plug	
Output connector	



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Appearance & Dimensions

Units: mm

