



Minwa Electronics Co.,Ltd

® Minwa Green Energy Electronics Co.,Ltd

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## MW3R15GS • AC/DC switching adapter





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**MW3R15GS** • AC/DC Switching adapter

## 1. Input

Input Voltage (V)	100~240Vac
Input Frequency (Hz)	50/60Hz
No load power consumption (W)	<0.3W
Input full load current (at 100 Vac)	350mA

## 2. Output

Output voltage (DC)	3.0/4.5/5.0/6.0/7.5/9.0/12.0V dc $\pm 10\%$
Output current	1.5A

## 3. Overall performance

Total output power	18W Max
Efficiency	COMPLIED with Level V
Line regulation	0.5% Input 100 to 240Vac output loaded at full load
Setup, rise, hold uptime	200ms, 30ms, 17ms/115Vac; 200ms, 20ms, 80ms/230Vac

## 4. Protection

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

## 5. Hi-Pot

Input to Output	3000Vac	5mA	50Hz
Input to case	3000Vac	5mA	50Hz
Output to case	1500Vac	5mA	50Hz
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"/>

## 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



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## 7. Safety standards

<b>Safety standards</b>	EN 60950-1 (latest version)
<b>EMC standards</b>	EN 61204-3 (latest version)

## 8. Reliability

<b>MTBF</b>	30000 hours min
<b>Burn-in</b>	4 hours 25°C, full load, 220Vac, 50Hz

## 9. Mechanical specification

<b>Dimension</b>	82 mm (L) x 51 mm (W) x 73.2mm (H) (include plug)
<b>Weight</b>	145g MAX exclude packing
<b>Input cord</b>	N/A
<b>Input plug</b>	Direct plug-in U type
<b>Output cord</b>	Upon request
<b>Output plug</b>	Upon request
<b>Output connector</b>	Upon request



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## Appearance & Dimensions

Units: mm

