



Minwa Electronics Co.,Ltd

® Minwa Green Energy Electronics Co.,Ltd

MFI-001 • AC/DC switching adapter





1. AC/DC Input

Input Voltage (V)	100~240Vac
Input Frequency (Hz)	50/60Hz
No load power consumption (W)	<0.3W
Input full load current (A)	0.13 A

2. Output

No load output voltage	5.0VDC±5%
Full load output voltage	5.0VDC±5%
Min load output current	0A
Max load output current	1.0A
Line regulation	0.5% Input 90 to 264Vac output Iloaded at full load
Setup, rise, hold uptime	200ms, 30ms,17ms/115Vac; 200ms, 20ms, 80ms/230Vac

3. Overall performance

Total output power	5W 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 resitance	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 +45°C
Storage temperature	-20°C to +50°C
Operating humidity	20%-90% RH. Non-condensing
Storage humidity	10%-90% RH. Non-condensing

7. Safety standards

Safety standards	EN60950 IEC62684
EMC standards	CE

8. Reliability

MTBF	50000 hours min
Burn-in	8 hours 25°C, full load, 220Vac, 50Hz

8. Mechanical specification

Dimension	39.6 mm(L) * 22.6 mm(W) * 74.3mm(H)
Weight	g MAX exclude packing
Input cord	
Input plug	U
Output cord	
Output plug	USB
Output connector	



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Appearance & Dimensions

