

## 7.5W~12Watts Single Output External Adapter

### WMM series

#### Feature:

- 90 to 264Vac universal input range.
- Meet UL/CUL,TUV,CE,T-Mark.
- EMI/RFI meet VDE & FCC limit B.
- Low cost & compact size.

#### Specifications: typical at nominal line, full load at 25° C.

Input Specifications:	General Specifications:
<b>Input voltage:</b> 90 to 264Vac	<b>Efficiency:</b> 75% typical at full load
<b>Input Frequency:</b> 47 Hz to 63Hz	<b>Hold-up time:</b> 10ms @ 110Vac full load
<b>Input inrush current:</b> 10A at 115Vac 20A at 230Vac	<b>EMI/RFI:</b> VDE & FCC Class B limits
<b>Earth leakage:</b> 0.2mA max @ 110VAC 0.4mA max @ 230VAC	<b>Dielectric Withstand:</b> Input/output: 4500VDC
<b>Output Specifications:</b>	★ <b>Safety Meet:</b> UL/CUL UL60950 TUV EN60950 CE EN55022 & EN50082-1 T-Mark.
<b>Output Rating:</b> see selection table	
<b>Line Regulation:</b> ±1% max	
<b>Load Regulation:</b> ±4% max.	<b>Switching frequency:</b> 100kHz(reference)
<b>Transient Response:</b> ±1% max.dev. (Full to half load) 500uSec recovery	<b>Weight:</b> 150g
	<b>MTBF:</b> 100,000hours(MIL-HDBK-217F)
<b>Temperature Coefficient:</b> ±0.04% / °C	<b>Environmental Specifications:</b>
<b>Ripple &amp; Noise:</b> 1% P-P max	<b>Operating temperature:</b> 0 to +40°C
<b>Protections:</b> a. Over voltage protection b. Over power protection c. Short circuit protection	<b>Storage temperature:</b> -20 to +85°C
	<b>Humidity:</b> 5 to 95 % RH non-condensing
	<b>Vibration:</b> 2.4G , 5 to 500Hz
	<b>Cooling:</b> Free air convection

Note:

1. Vibration test: Three orthogonal axes, random vibration, 10 minutes for each axis.

2. Maximum output power is 12W.

★ Please refer the safety approval status on appendix 1, For latest safety approval status

Please consult YCL or visit" [www.ycl.com.tw](http://www.ycl.com.tw)

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


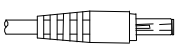


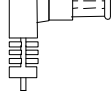
#### Model Selection Table:

Model No.	Output Voltage	Output Current Minimum	Output Current Maximum	Max. Power
WMM-0705YZ	5V	0mA	1500mA	7.5W
WMM-1202 YZ	12V	0mA	1000mA	12W
WMM-1003 YZ	15V	0mA	670mA	10W
WMM-1004 YZ	24V	0mA	420mA	10W

Note:

- Other output voltage versions available. Consult factory for details.
- Order information: WMA-XXXXYZ
  - Plug information(Consult factory for details)
  - Output Connector Type.
  - Model No.

DC OUTPUT PLUGS(CONNECTOR)

A : Plug S-Female 	B : Plug L-Female 	C : Plug S-Male 	D : Plug S-Male 
E : Plug EIAJ RC-5320 	F : Plug L-EIAJ RC-5320 	G : Plug S-Female I shape 	H : Plug L-Female I shape 

### Dimensions: mm±0.5mm

