



ETA-USA

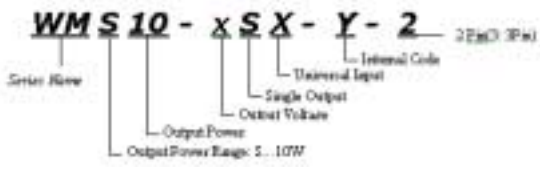
HIGH QUALITY SWITCHING POWER SUPPLIES

**AC/DC SWITCHING ADAPTOR
WALLMOUNT
SINGLE OUTPUT / UNIVERSAL RANGE INPUT
10 WATTS**

WMS10-SX-Y-2/WMS10SX-Y-3 SERIES

					
BSMI, CB, CE, FCC, PSE, UL/CUL, CCC	BSMI, CB, CE, TUV/GS, B- MARK	BSMI, CB, C- Tick, DFT	BSMI, CB, C- Tick, DFT	CCC China Plug	K MARK

Input	
Input Voltage:	100/240Vac
Input Voltage Range:	90-264Vac
Input Current (rms):	1.0 A (max. At any input voltage and max. DC output rated load)
Inrush Current:	70 Amps max. (Cold start at 230 Vac input, with rated load and 25 °C ambient)
Line Frequency:	50/60Hz
AC Leakage Current:	1 mA max. (At 240Vac input)
Options	
N/A	

	
Features	
1. Two or three pin wall mount input plug 2. Wide range AC input 3. Level B EMI filter 4. Fully enclosed plastic case 5. Fully regulated output 6. High efficiency 7. High Quality	

Output Characteristic	Unit	WMS10-05SX-Y-2	WMS10-06SX-Y-2	WMS10-07.5SX-Y-2	WMS10-09SX-Y-2	WMS10-12SX-Y-2	WMS10-05SX-B-Y-2
		WMS10-05SX-Y-3	WMS10-06SX-Y-3	WMS10-07.5SX-Y-3	WMS10-09SX-Y-3	WMS10-12SX-Y-3	WMS10-05SX-B-Y-3
Output Voltage	Vdc	5	6	7.5	9	12	5
Output Current (min.)	A	0	0	0	0	0	0
Output Current (max.)	A	2	1.66	1.33	1.11	0.83	2.5
Output Power	W	10	10	10	10	10	12.5
Ripple and Noise	mVp-p	50	60	75	90	120	50
Hold up time	mS	12ms (typical at full load @ 115VAC)					
Turn On Delay	mS	100mS (Max. At 115Vac input and output Max. Load.)					
Rise Time	mS	20mS (Max. At 115Vac input and output Max. Load.)					
Regulation							
a. Line Regulation	mV	±1%					
b. Load Regulation	mV	±5%					

Efficiency	%	70% Min. At 110Vac input and output Max. Load. 62% Min. At 220Vac input and output Max. Load.
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*The ripple and noise are as follows when measure with Max. Bandwidth of 20 MHz and parallel 10uF/0.1uF, crossed connected at testing point



ETA USA
16170 Vineyard Blvd. Suite 180, Morgan Hill, CA 95037
Phone: 1-800-ETA-POWER, (408) 778-2793 Fax: (408) 779-2753

Visit us at: www.eta-usa.com
email at: sales@eta-usa.com

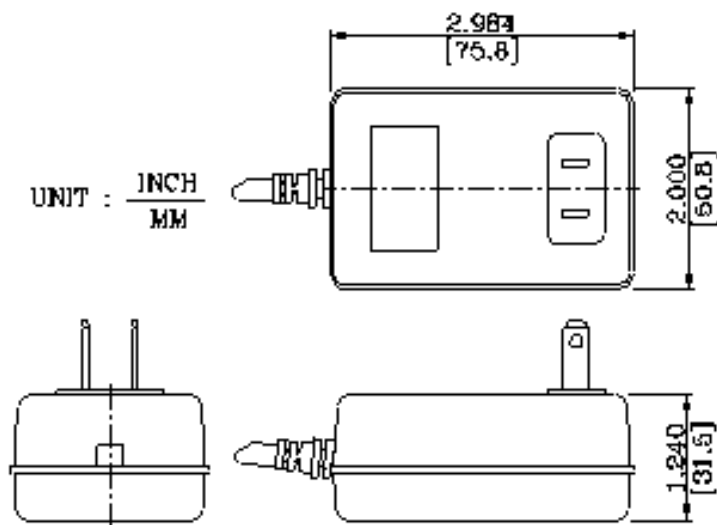


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HIGH QUALITY SWITCHING POWER SUPPLIES

Environmental Specification	
Operating Temperature	+5 to +40°C (Full load, Normal operation)
Storage Temperature	-20 to +85°C (Without package)
Relative Humidity	5%(0°C) ~ 90%(40°C) RH, 72Hrs, Full load, Normal operating
Vibration	Operating: IEC 721-3-3 3M3 5~9Hz, A=1.5mm 9~200Hz, Acceleration 5m/s ² Transportation: IEC 721-3-2 2M2 5~9Hz, A=3.5mm 9~200Hz, Acceleration=5m/s ² 200~500Hz, Acceleration=15m/s ² 3 Axes, 10 cycles per axis. (No permanent damage may occur during testing.) The product has to restore to its original situation after power off/on.)
Protection/Control Specification	
Overshoot	5% (Max. When power supply at turn on or turn off.)
Short Circuit Protection	The power supply will be auto recovery when short circuit faults remove
Over Power Protection	120% ~ 180% active for 10W rated of power. Total power protection at normal AC input voltage, The power supply will be auto recovery
Over Voltage Protection	Build-in
Safety	See page#1 Plug Types and Safety Approval (UL#E176763)
Dimension (Enclosure)	The adaptor size L: 75.8×W: 50.8×H: 31.5mm
Input Connector	Class II wall mount input plug

DIMENSION DIAGRAM mm (in)



Mouser Electronics

Authorized Distributor

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ETA-USA:

[WMS10-07.5SX-Y-2](#) [WMS10-12SX-Y-2US](#)