



# ETA-USA

## HIGH QUALITY SWITCHING POWER SUPPLIES

**AC/DC SWITCHING POWER SUPPLY**  
**24 WATTS**  
**AC INPUT 90-264 VAC**  
**SINGLE OUTPUT**  
**CEC V**

### MTA24-SX-W-C2 -II



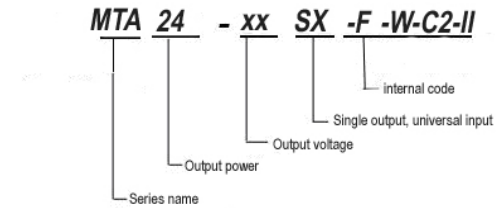
Dimension : L80.0mm×W50.0×H35.0mm



#### Input

Input Voltage	90-264VAC
Range:	
Frequency:	47-63Hz
Input	
Current (RMS) :	0.7A max.@ 90VAC
	0.35A max.@ 264VAC
Ripple & Noise :	1%

#### General Description



#### Features

1. **High reliability**
2. **100% burn-in tested**
3. **100% Hi-pot tested**
4. **Safety Approvals, EMC compliance**
5. **Meets CEC, ERP, EISA, and Energy Star Level V requirements**
6. **No load power consumption <300mW**
8. **Short circuit, over load, over voltage protection**



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Output Characteristic	Unit	Models							
		MTA24-05SX-W-C2-II	MTA24-09SX-W-C2-II	MTA24-12SX-W-C2-II	MTA24-16SX-W-C2-II	MTA24-18SX-W-C2-II	MTA24-24SX-W-C2-II	MTA24-36SX-W-C2-II	MTA24-48SX-W-C2-II
Output Voltage	Vdc	5	9	12	16	18	24	36	48
Output Current	A	3	2.66	2	1.5	1.34	1	0.67	0.5
Voltage Adjust Range	V	±5% of Rated Output Voltage (at no load within the input range)							
Ripple & Noise(max)	mVpp	50	90	120	160	180	240	360	480
Hold up time	mS	>10 mS typical							
<b>Regulation</b>									
a. Voltage regulation	mV	+5%/-3%							

Environmental Specification	
Operating Temperature	-20°C to +40°C
Storage Temperature	-20°C to +85 °C
Humidity	20~90%
MTBF demonstrated	>150,000 hours at full load and 25 °C ambient temperature
Environmental Agencies	
Safety Standards	UL 60601-1 CSA-C22.2 No.601.1-M90 NEMKO EN60601-1 CB IEC 60601-1
EMI Standards (Meet)	FCC Part 18Class B EN55011 Class B EN 60601-1-2 Class B CE
Protection	
Short circuit protection	Auto-recover
Over Voltage Protection	Latch, AC recycle
Over Load Protection	Auto-recover
Mechanical	
Dimension [mm]	<b>L80.0mm×W50.0×H35.0mm</b>



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## DIMENSION DIAGRAM (mm)

