

**Cable Models**

**USB Models**



Size: 2.32in x 1.61in x 1.04in (59mm x 40.9mm x 26.5mm)

**OPTIONS**

- Cable or USB
- Color
- Output Voltage
- Plug Type

**FEATURES**

- Wide Input Voltage Range of 90~264VAC
- Light Weight
- Compact Size
- Cable or USB Option
- Low Ripple and Noise
- RoHS Compliant
- Level VI Compliant
- Over Current and Short Circuit Protection
- Input Protection
- Various Safety Approvals (See Specifications)
- Output Voltages Ranging from 5 to 24VDC
- Single Outputs
- 4 Plug Types Available: EU, US, AU and UK

**APPLICATIONS**

- Router
- Wireless Equipment
- Camera
- Television
- LED

**DESCRIPTION**

The WMSAW12 series of AC DC wall mount power supplies provides up to 12 watts of continuous output power in a compact 2.32" x 1.61" x 1.04" package. This series consists of single output models with an input voltage range of 90~264V and models ranging from 5 to 24VDC. Cable attachment or USB inputs are available and 4 different plug types are available: EU, US, AU, and UK. Each model is protected against over current and short circuit conditions and all models are RoHS and Level VI compliant. Please call factory for ordering details.

**MODEL SELECTION TABLE**

Model Number	Input Voltage Range	Output Voltage	Output Current Max	Ripple & Noise	Output Power	Efficiency Level
WMSAW 12-05-0500x	90-264V	5V	500mA	50mV	12W Max.	VI
WMSAW 12-075-1600x		7.5V	1600mA	60mV		VI
WMSAW 12-09-1200x		9V	1200mA	60mV		VI
WMSAW 12-12-1000x		12V	1000mA	6mV		VI
WMSAW 12-19-0600x		19V	600mA	70mV		VI
WMSAW 12-24-0500x		24V	500mA	80mV		VI
WMSAW 12-05-0500USBx	90-264V	5V	500mA	50mV	12W Max.	VI
WMSAW 12-075-1600USBx		7.5V	1600mA	60mV		VI
WMSAW 12-09-1200USBx		9V	1200mA	60mV		VI
WMSAW 12-12-1000USBx		12V	1000mA	6mV		VI
WMSAW 12-19-0600USBx		19V	600mA	70mV		VI
WMSAW 12-24-0500USBx		24V	500mA	80mV		VI

**SPECIFICATIONS**

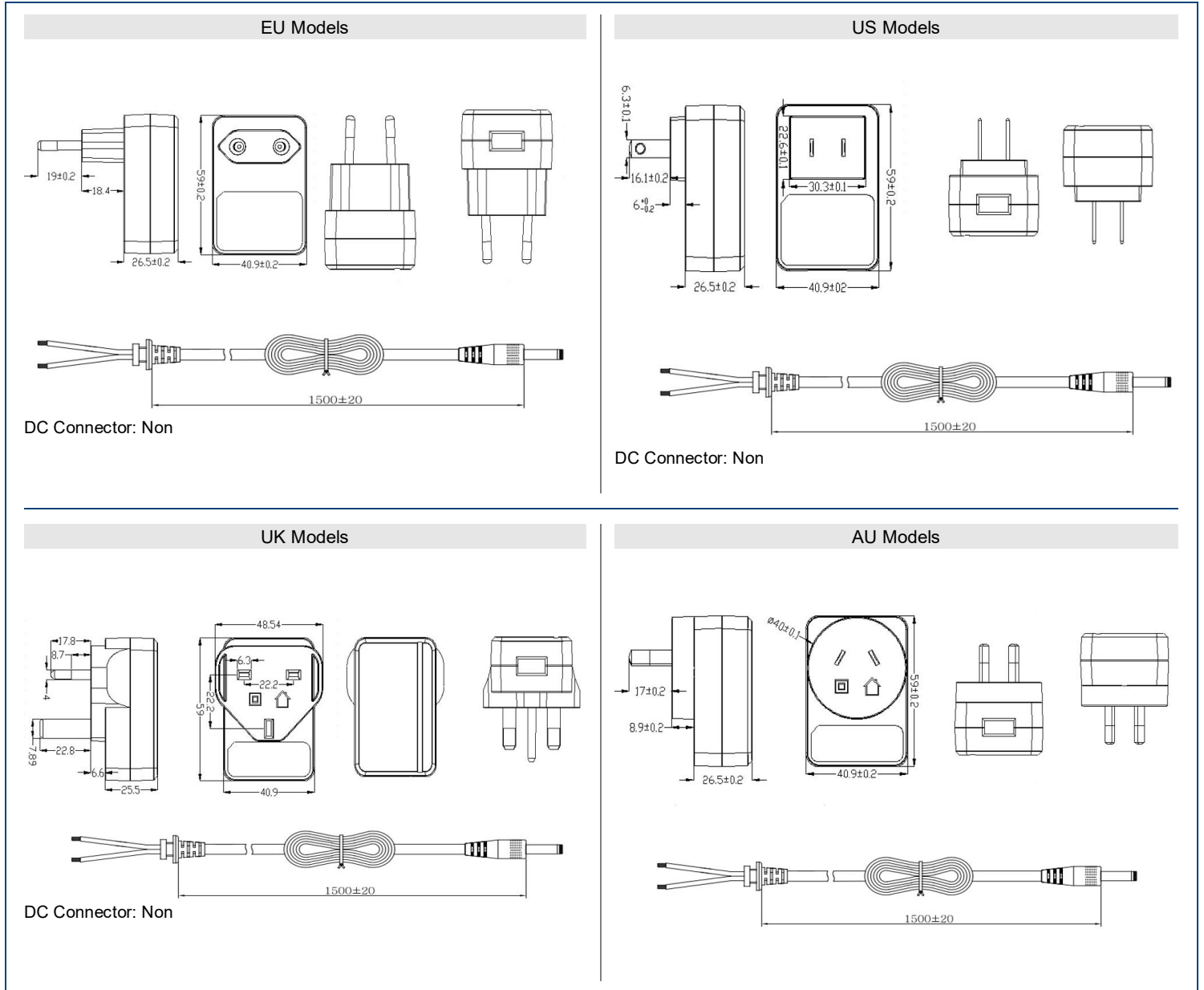
All specifications are based on 25°C, Nominal Input Voltage, and Maximum Output Current unless otherwise noted.  
We reserve the right to change specifications based on technological advances.

SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
<b>INPUT SPECIFICATIONS</b>					
Input Voltage Range		90		264	V
Input Frequency		47		63	Hz
Input Current				1.2	A
Inrush Current				40	A
<b>OUTPUT SPECIFICATIONS</b>					
Output Voltage		See Table			
Line Regulation				1	%
Output Regulation		-5		+5	%
Output Power				12	W
Output Current		See Table			
Ripple & Noise (20MHz bandwidth)				100	mVp-p
Turn-On Time	Nominal	20		30	mS
Temperature Coefficient			0.05		%/°C
<b>PROTECTION</b>					
Short Circuit Protection		3.6A Inner Current Fuse			
Over Current Protection		Automatic Recovery			
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
Operating Case Temperature		10		40	°C
Storage Temperature		-20		80	°C
Humidity	Non-Condensing	5		95	%RH
Cooling		Convection			
<b>GENERAL SPECIFICATIONS</b>					
Efficiency		See Table			
Insulation Resistance	Primary to Secondary	50			MΩ
Standby Power				0.1	W
Leakage Current				0.25	mA
<b>PHYSICAL SPECIFICATIONS</b>					
Weight		3.53oz (100g)			
Dimensions (L x W x H)		2.32in x 1.61in x 1.04in (59mm x 40.69mm x 26.5mm)			
Packing Details	Quantity	150pcs/carton			
	Weight	15kg/carton			
	External Carton Size	18.5in x 14.37in x 7.48in (47cm x 36.5cm x 19cm)			
<b>SAFETY</b>					
Safety Approvals	EU and UK Models	CE, CB, and GS			
	US Models <sup>(2)</sup>	UL, cUL, FCC			
	AU Models	SAA, C-Tick, RCM			
Certificates	AU Models	RCM Certificate			

**NOTES**

- "x" in model name represents plug type. "x" can either be "E" for EU Plug, "U" for US Plug, "K" for UK Plug, or "A" for AU plug.
  - This product is Listed to applicable standards and requirements by UL.
- \*Due to advances in technology, specifications subject to change without notice.

MECHANICAL DRAWINGS



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## COMPANY INFORMATION

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

Contact **Wall Industries** for further information:

Phone: ☎ (603)778-2300  
Toll Free: ☎ (888)597-9255  
Fax: ☎ (603)778-9797  
E-mail: [sales@wallindustries.com](mailto:sales@wallindustries.com)  
Web: [www.wallindustries.com](http://www.wallindustries.com)  
Address: 37 Industrial Drive  
Exeter, NH 03833

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