



US Plug



EU Plug

Size: 1.63in x 1.39in x 0.91in (41.5mm x 35.4mm x 23mm)

OPTIONS

- Plug Type
- Case Color

FEATURES

- Class II
- US or EU Type AC Plug
- USB Type Outlet Connector
- RoHS Compliant
- Level VI Compliant
- Very Low Standby Power
- 90-264VAC Input Voltage Range
- Over Voltage, Over Current, & Short Circuit Protection
- RoHS & REACH Compliant
- UL62368-1 Safety Approval
- Several Pantone® Case Colors Available

DESCRIPTION

The WMNA10 series of Class II wall mount AC/DC power supplies delivers 5-12 Watts of output power in a 1.63" x 1.39" x 0.91" package. This series has single output models with an input voltage range of 90-264VAC. These supplies are protected against over voltage, over current, and short circuit conditions. The WMNA10 series is RoHS, REACH, Level VI compliant and has UL 62368-1 safety approvals. These supplies are also available in a variety of Pantone® colors with either a US or EU plug.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current	Output Power	Ripple & Noise	Output USB
WMNA1105-yx	90~264VAC	5VDC	2100mA	10.5W	100mVp-p	Single Output
WMNA1205-yx		5VDC	2000mA	10W		

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
INPUT SPECIFICATIONS					
Input Voltage Range		90	100/240	264	VAC
Input Frequency		47		63	Hz
Input Current				1.2	A
Inrush Current				40	A
OUTPUT SPECIFICATIONS					
Output Voltage		See Table			
Line Regulation				1	%
Load Regulation			±5		%
Output Power				12	W
Output Current		See Table			
Ripple & Noise (20MHz bandwidth)		See Table			
Turn On Time			20-30		mS
Temperature Coefficient			0.05		%/°C
PROTECTION					
Short Circuit Protection		Automatic Recovery			
Over Current Protection		Automatic Recovery			
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		10		40	°C
Storage Temperature		-20		80	°C
Humidity	Non-Condensing	5		95	%RH
Cooling		Convection			

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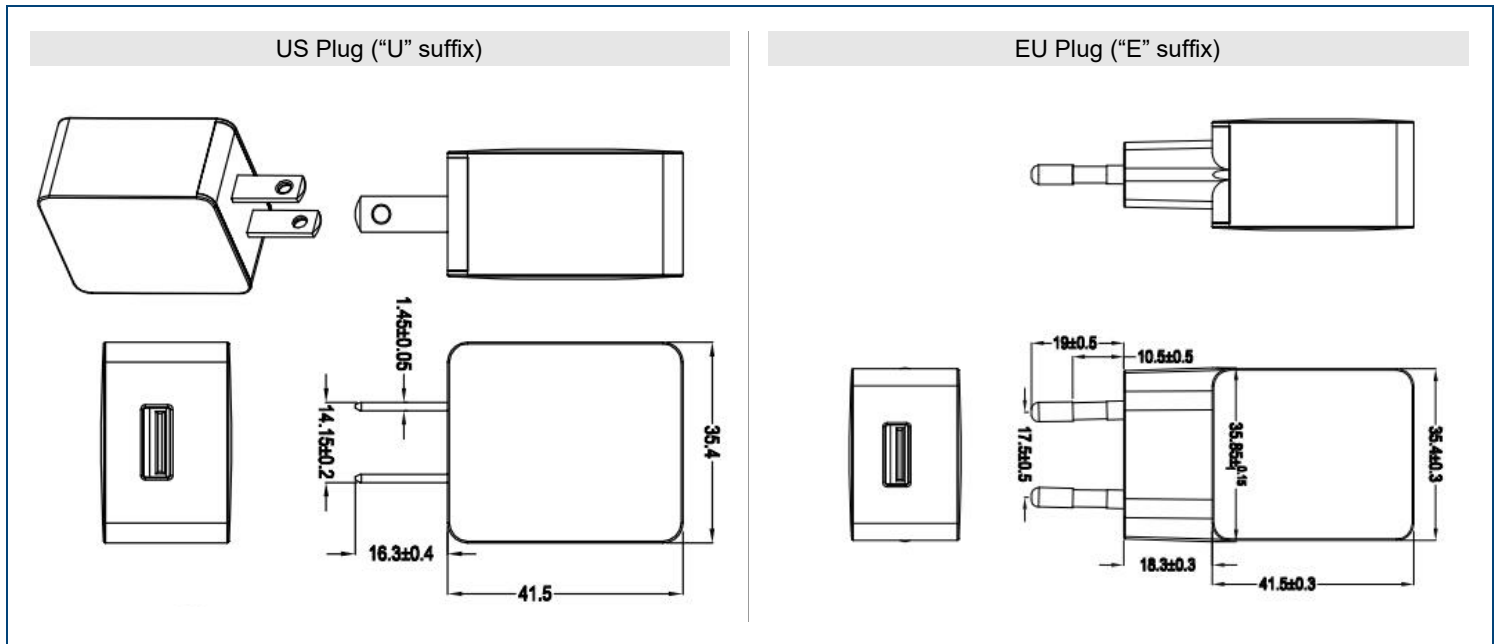
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
GENERAL SPECIFICATIONS					
Efficiency				Level VI	
Isolation Resistance	Primary to Secondary	50			MΩ
Standby Power				0.1	W
Leakage Current				0.25	mA
PHYSICAL SPECIFICATIONS					
Weight				1.32oz (37.5g)	
Dimensions (L x W x H)				1.63in x 1.39in x 0.91in (41.5mm x 35.4mm x 23mm)	
Packing				400pcs/carton, 15kg/carton	
	Carton Size			47cm x 36.5cm x 19cm	
SAFETY CHARACTERISTICS					
Safety Standards		62368-1, 2 nd Ed, 2014-12-01			
Safety Approvals	US Plug	UL ⁽²⁾ , FCC, RoHS, REACH			
	EU Plug	CE, RoHS, REACH			

NOTES

- The "x" in the model number represents the Pantone® case color. We offer several Pantone® case colors so please call factory if desired color is not shown. The "y" in model number indicates plug type. "y" can be "U" for US plug or "E" for EU plug.
- This product is Listed to applicable standards and requirements by UL.

**Due to advances in technology, specifications subject to change without notice.*

MECHANICAL DRAWING



MODEL NUMBER SETUP

WMNA	11	05	W	U
Series Name	Output Current	Output Voltage	Case Color	Plug Type
	11: 2100mA 12: 2000mA	05: 5VDC	B: Black W: White	U: US Plug E: EU Plug

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
Web: www.wallindustries.com
Address: 37 Industrial Drive
Exeter, NH 03833

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