

Type U: American Plug



Type E: European Plug



Size: 2.81 x 1.34 x 1.97in (71mm x 34mm x 50mm)



**OPTIONS**

- Plug Type
- Output Cable
- Output Voltage

**FEATURES**

- Universal Input Voltage of 100~240VAC
- Meets DoE (VI) & EU ErP/CoC (5)
- Optional Output Connectors Available
- Low Leakage Current
- Compact Package
- UL62368, UL/cUL, TUV/GS, TUV/PSE, and CB Safety Approvals
- Several Different Plug Types Available

**DESCRIPTION**

The WMGPSU15 series of AC DC of wall mount power supplies offers up to 15 watts of output power in a compact 2.81" x 1.34" x 1.97" package. Single outputs are available for this series with an input range of 100 to 240VAC and either an American plug or European plug. This series meets DoE (VI) & EU ErP/CoC (5) and has UL62368, UL/cUL, TUV/GS, TUV/PSE, and CB safety approvals. WMGPSU15 also offers high efficiency and reliability and optional output connectors are available. Please call factory for ordering details.

**MODEL SELECTION TABLE**

Model Number <sup>(1)</sup>	Input Voltage Range	Output Voltage	Output Current	Ripple & Noise	No Load Power Consumption	Output Power	Avg. Efficiency <sup>(2)</sup>	Measured at Output Of
WMGPSU15x-0	100~240VAC	3~5VDC	2.40~1.46A	100mV	<0.1W	7.3W	76.42%	3.3
WMGPSU15x-1		5~6VDC	2.70~2.00A	50mV	<0.1W	13.5W	79.94%	5
WMGPSU15x-1-1		6~8VDC	2.50~1.80A	80mV	<0.1W	15W	84.13%	7.5
WMGPSU15x-2		8~11VDC	1.80~1.36A	80mV	<0.1W	15W	84.13%	9
WMGPSU15x-3		11~13VDC	1.36~1.15A	80mV	<0.1W	15W	84.13%	12
WMGPSU15x-4		13~16VDC	1.15~0.94A	100mV	<0.1W	15W	84.13%	15
WMGPSU15x-5		16~21VDC	0.94~0.72A	120mV	<0.1W	15W	84.13%	18
WMGPSU15x-6		21~27VDC	0.72~0.55A	150mV	<0.1W	15W	84.13%	24
WMGPSU15x-7		27~33VDC	0.55~0.45A	240mV	<0.1W	15W	84.13%	28
WMGPSU15x-8		33~48VDC	0.45~0.26A	240mV	<0.1W	15W	84.13%	48

**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.

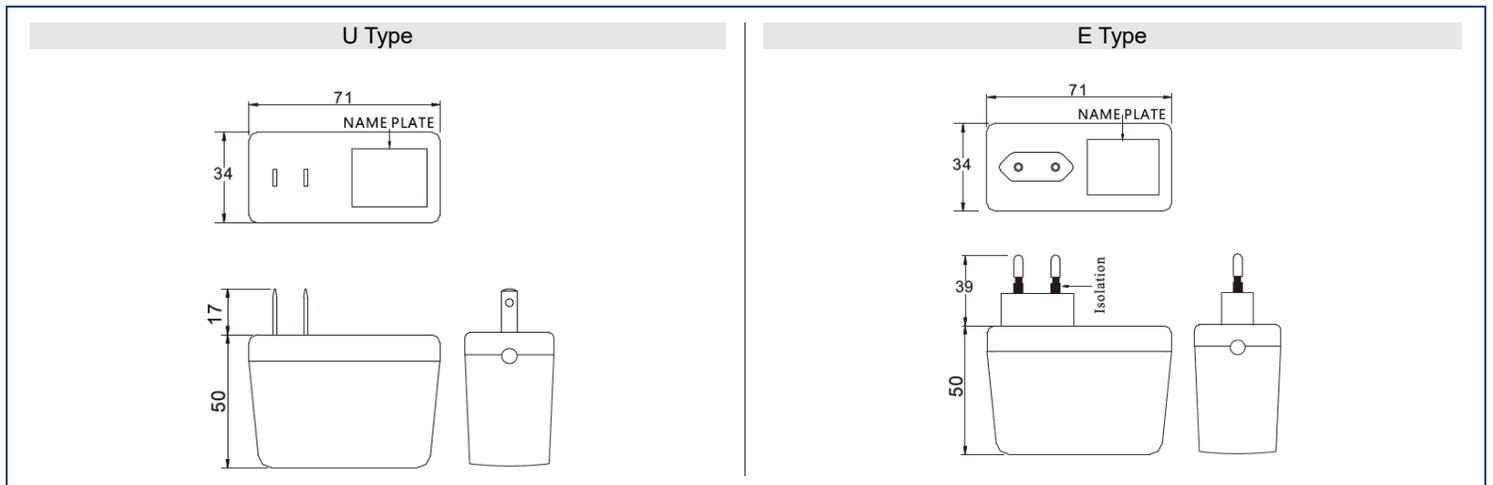
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
<b>INPUT SPECIFICATIONS</b>					
Input Voltage Range		100		240	VAC
Input Frequency		47		63	Hz
Input Current				0.4	A
<b>OUTPUT SPECIFICATIONS</b>					
Output Voltage		See Table			
Line Regulation	3~5V Model		±1		%
	Other Models		±0.5		
Load Regulation	3~5V		±7		%
	5~11V		±5		
	11~21V		±3		
	21~48V		±2		
Output Power		See Table			
Output Current		See Table			
Ripple & Noise (20MHz bandwidth)		See Table			
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
Operating Temperature	Safety approval 0°C to 40°C, >40°C, contact sales for derating curve	-20		+70	°C
<b>GENERAL SPECIFICATIONS</b>					
Efficiency		See Table			
Withstanding Voltage	From Input to Output		4242		VDC
Leakage Current	@240VAC/50Hz			0.25	mA
<b>PHYSICAL SPECIFICATIONS</b>					
Weight		Approx. 4.23~4.94oz (120~140g)			
Dimensions (L x W x H)		2.81 x 1.34 x 1.97in (71.5 x 34 x 50mm)			
<b>SAFETY &amp; EMC CHARACTERISTICS</b>					
Safety Approvals <sup>(5)</sup>	UL62368, UL/cUL, TUV/GS, TUV/PSE, and CB				
EMC	(A) CE: EN55032; EN55024 (B) FCC 47 CFR Part 15 Subpart B				

**NOTES**

- (1) "x" in model name indicates the plug type. "U"= U type=American Plug, "E"= E Type=European plug.
- (2) Average efficiency: Averages the efficiency at 25, 50, 75, and 100% if max. rated output current.
- (3) Optional output connectors.
- (4) Standard Output Cable:  
3~5V: UL2468, 18AWG, 1M  
5~13V: UL2468, 20AWG, 4FT  
13~16V: UL2468, 24AWG, 4FT  
16~58V: UL2468, 24AWG, 6FT
- (5) 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.

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