

U Type: American



E Type: European



Size: 2.6in x 1.26in x 1.67in (66mm x 32mm x 42.5mm)

OPTIONS

- Plug Type
- Output Cable
- Output Voltage

FEATURES

- Universal Input Voltage Range of 100~240VAC
- Models Meet DoE (VI) & EU ErP/CoC (5)
- Optional Output Connectors Available
- High Efficiency
- Compact Package
- UL62368-1, EN62368-1, UL/CUL, TUV/PSE, CB Safety Approvals
- US and EU Plugs Available

DESCRIPTION

The WMGPSU06 series of AC/DC wall mount power supplies offers up to 6 watts of output power in a compact package. This series consists of single output models with an input range of 100 to 240VAC and either an American plug type or European plug type available. The series has UL62368-1, EN62368-1, UL/CUL, TUV/PSE, and CB safety approvals and models meet DoE (VI) and EU ErP/CoC (5). This series also offers high efficiency and optional output connectors are available. Please call factory for ordering details.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current	Ripple & Noise	Output Power	Avg. Efficiency ⁽²⁾	Measured at Output
WMGPSU06x-0	100~240VAC	3~5VDC	0.80~1.33A	50mV	4W	>71.9%	3.3
WMGPSU06x-1		5~6VDC	0.80~1.20A	50mV	6W	>75%	5
WMGPSU06x-1-1		6~8VDC	0.75~1.00A	80mV	6W	>78.88%	7.5
WMGPSU06x-2		8~11VDC	0.54~0.75A	80mV	6W	>78.88%	9
WMGPSU06x-3		11~13VDC	0.46~0.54A	100mV	6W	>78.88%	12
WMGSPU06x-4		13~16VDC	0.37~0.46A	120mV	6W	>78.88%	15
WMGSPU06x-5		16~21VDC	0.28~0.37A	150mV	6W	>78.88%	18
WMGPSU06x-6		21~27VDC	0.20~0.28A	180mV	6W	>78.88%	24
WMGPSU06x-7		27~33VDC	0.18~0.20A	200mV	6W	>78.88%	28
WMGPSU06x-8		33~48VDC	0.12~0.18A	200mV	6W	>78.88%	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.

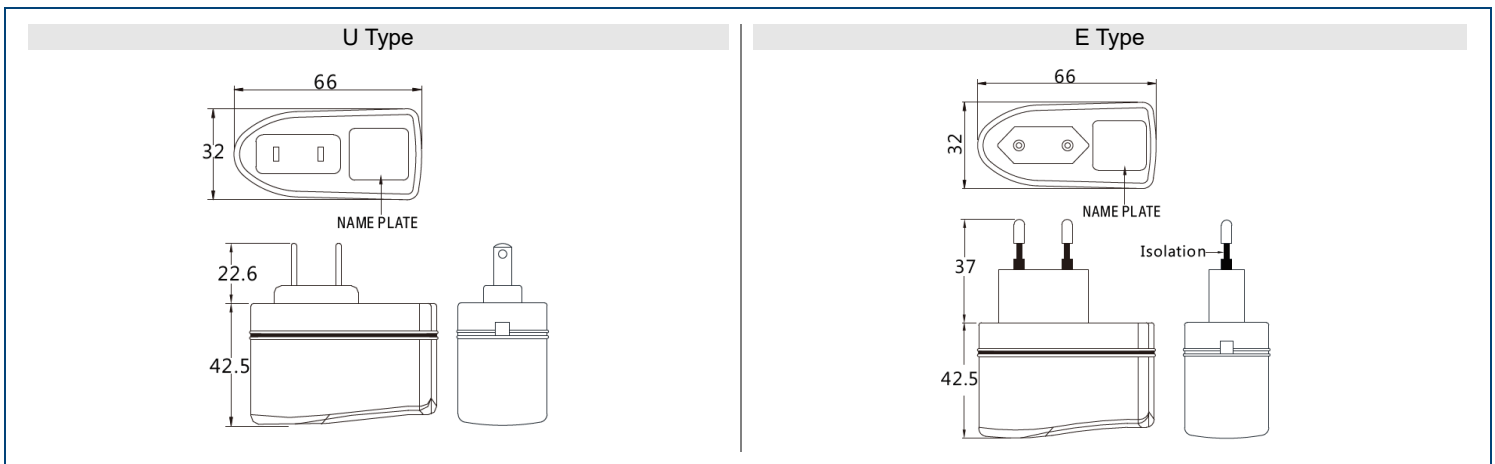
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
INPUT SPECIFICATIONS					
Input Voltage Range		100		240	VAC
Input Frequency		47		63	Hz
Input Current				0.2	A
No Load Power Consumption	3~5V Model			0.1	W
Leakage Current	@240VAC/50Hz			0.25	mA
OUTPUT SPECIFICATIONS					
Output Voltage		See Table			
Line Regulation	3~5V & 27~33V Models		±1		%
	Other Models		±0.5		
Load Regulation	Variations from minimum to maximum output current	3~5V	±7		%
		5~11V	±5		
Output Power		See Table			
Output Current		See Table			
Ripple & Noise		See Table			
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature	Safety approval 0°C to 40°C, >40°C (Contact sales for derating curve)	-20		70	°C
GENERAL SPECIFICATIONS					
Efficiency		See Table			
Withstand Voltage	From Input to Output	4242			VDC
PHYSICAL SPECIFICATIONS					
Weight		2.47~3.53oz (70~100g)			
Dimensions (L x W x H)		2.6in x 1.26in x 1.67in (66mm x 32mm x 42.5mm)			
SAFETY & EMC CHARACTERISTICS					
Safety Approvals	UL62368-1 ⁽⁵⁾ , EN62368-1, UL/CUL, TUV/PSE, CB				
EMC	(A) CE: EN55032, EN 55024				
	(B) FCC 47 CFR Part 15 Subpart B				

NOTES

- (1) "x" in model name indicates the plug type. X can either be "U" for American Plug or "E" for European plug.
- (2) Average Efficiency: averages efficiency at 25, 50, 75, and 100% of max. rated output current.
- (3) Optional Output Connectors are available, please call factory for ordering details
- (4) Standard Output Cable to meet:
3~11V: UL2468, 20AWG, 4FT
11~58V: 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



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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