

United States ("U" Suffix)

Europe ("E" Suffix)



2.5 x 1.26 x 2.56 inches

2.5 x 1.26 x 3.13 inches

FEATURES

- RoHS Compliant
- 6 Watts Output Power
- DoE (V) & EU ErP/CoC (4)
- 5656VDC Withstand Voltage
- Up to 74% High Efficiency
- No-Load Power Consumption < 0.3W
- 100~240VAC Universal Input Voltage Range
- Single Outputs Ranging from 5VDC to 24VDC
- United States and Europe AC Plug Types Available
- Optional Output Connectors Available
- Meets CE: EN60601-1-2

APPROVALS



DESCRIPTION

The WMGMPU06 series of medical AC/DC wall mount power supplies provides up to 6 Watts of output power. This series consists of single output models ranging from 5VDC to 24VDC with a universal input voltage range of 100-240VAC. The WMGMPU06 series DoE (V) and EU ErP/CoC (4) compliant and has CE: EN60601-1-2 approvals. United States and Europe AC plug types are available and several output connector options are also available. Please contact the factory for ordering details.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current	Output Power	Ripple & Noise	Efficiency ⁽²⁾	Measured at the Output Of
WMGMPU06x-1	100 ~ 240 VAC	5 ~ 6 VDC	1.20 ~ 1.00 A	6W	80mV	>69.5%	5
WMGMPU06x-11		5 VDC	1.00 A	5W	80mV	>68.2%	5
WMGMPU06x-1-1		6 ~ 8 VDC	1.00 ~ 0.75 A	6W	80mV	>74%	7.5
WMGMPU06x-2		8 ~ 11 VDC	0.75 ~ 0.55 A	6W	80mV	>74%	9
WMGMPU06x-3		11 ~ 13 VDC	0.55 ~ 0.46 A	6W	120mV	>74%	12
WMGMPU06x-4		13 ~ 16 VDC	0.46 ~ 0.38 A	6W	150mV	>74%	15
WMGMPU06x-5		16 ~ 21 VDC	0.38 ~ 0.29 A	6W	180mV	>74%	18
WMGMPU06x-6		21 ~ 24 VDC	0.29 ~ 0.26 A	6W	200mV	>74%	24

TECHNICAL SPECIFICATIONS

WMGMPU06 SERIES

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.

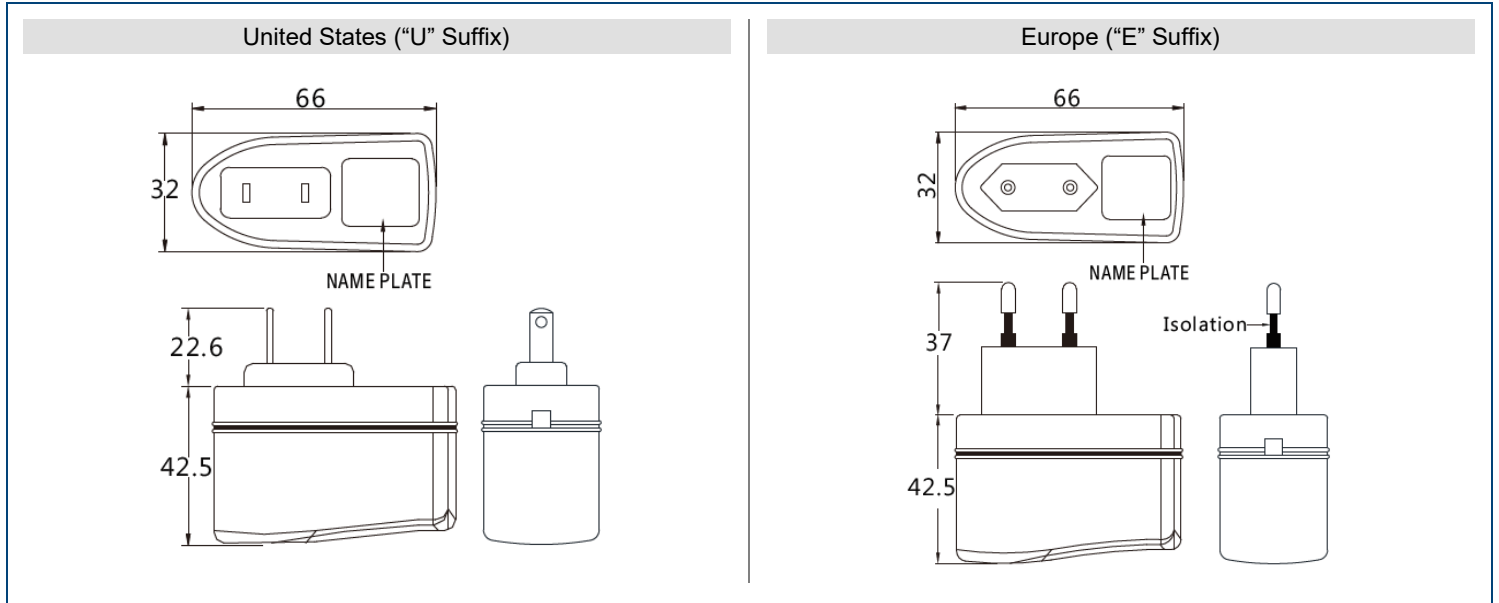
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
INPUT SPECIFICATIONS					
Input Voltage		100		240	VAC
Input Frequency		47		63	Hz
Input Current	100VAC, full load	0.09		0.18	A
No Load Power Consumption				0.3	W
OUTPUT SPECIFICATIONS					
Output Voltage			See Table		
Line Regulation	LL to HL, full load	-1		+1	%
Load Regulation	Min load to max load	-5		+5	%
Output Power			See Table		
Output Current			See Table		
Ripple & Noise			See Table		
GENERAL SPECIFICATIONS					
Efficiency	25, 50, 75, 100% Load		See Table		
Withstand Voltage	Input to output	5656			VDC
Leakage Current	240VAC/50Hz			0.1	mA
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		0		+40	°C
PHYSICAL SPECIFICATIONS					
Weight		Approx. 2.5oz~3.5oz (70~100g)			
Dimensions (L x W x H)	United States plug type	2.5 x 1.26 x 2.56 inches (66.0 x 32.0 x 65.1 mm)			
	United Kingdom plug type	2.5 x 1.26 x 3.13 inches (66.0 x 32.0 x 79.5 mm)			
AC Plug	Suffix "U"	United States plug			
	Suffix "K"	United Kingdom plug			
Standard Output Cable	5~12V	UL2468, 22AWG, 4FT			
	12~24V	UL2468, 24AWG, 6FT			
SAFETY & EMC					
Safety Approvals		UL ⁽⁴⁾ , TUV/GS, TUV/PSE			
EMC Regulations		CE: EN60601-1-2, FCC Part 15/Part 18 Class B			

NOTES

- 1. The "x" in the model number represents the type of plug: "U" for United States type or "E" for Europe type.
- 2. Avg. Efficiency: Averages the efficiency at 25, 50, 75, and 100% of max. rated output current.
- 3. Several different output connectors are available for this series. Please call factory for ordering details.
- 4. 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.

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