

Size: 2.36in x 2.36in x 1.18in (60mm x 60mm x 30mm)

FEATURES

- Wide Input Voltage Range
- RoHS Compliant
- LED Indication
- 5 Interchangeable plugs available: US/China, EU, UK, SAA, and South Africa
- Over Voltage, Short Circuit, Over Current, and Over Temperature Protection
- Meets CEC Level VI (DoE)
- 500 Piece MOQ for Production
- USB Type C
- UL/cUL, TUV, CB, CE, FCC, and CCC Safety Approvals

DESCRIPTION

The WMIEAS1045 series of AC/DC wall mount with interchangeable plugs offers 60 watts of output power in a 2.36" x 2.36" x 1.18" package. This series consists of single output models with a wide input voltage range of 100~240VAC and LED indication. Five interchangeable plugs are available for this series: US/China, EU, UK, SAA, and South African plugs. Each model in this series has over voltage, short circuit, over current, and over temperature protection, is RoHS and Level VI compliant, and has UL/cUL, TUV, CB, CE, FCC and CCC safety approvals.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current		Ripple & Noise ⁽²⁾	Output Power
			Min Load	Max Load		
WMIEAS1045A1x	100~240VAC	5V	0A	3A	100mV	30 Watts
WMIEAS1045A2x		9V	0A	3A	180mV	
WMIEAS1045A5x		12V	0A	2.5A	200mV	
WMIEAS1045A3x		15V	0A	2A	300mV	
WMIEAS1045A4x		20V	0A	1.5A	360mV	
WMIEAS1045B1x	100~240VAC	5V	0A	3A	100mV	36 Watts
WMIEAS1045B2x		9V	0A	3A	180mV	
WMIEAS1045B5x		12V	0A	3A	200mV	
WMIEAS1045B3x		15V	0A	2.4A	300mV	
WMIEAS1045B4x		20V	0A	1.8A	360mV	
WMIEAS1045C1x	100~240VAC	5V	0A	3A	100mV	45 Watts
WMIEAS1045C2x		9V	0A	3A	180mV	
WMIEAS1045C5x		12V	0A	3A	200mV	
WMIEAS1045C3x		15V	0A	3A	300mV	
WMIEAS1045C4x		20V	0A	2.25A	360mV	
WMIEAS1045D1x	100~240VAC	5~9V	0A	5A	100mV	36W
WMIEAS1045E1x	100~240VAC	10~17V	0A	3.5A	240mV	45W
WMIEAS1045F1x	100~240VAC	18~26V	0A	2.5A	360mV	45W
WMIEAS1045G1x	100~240VAC	27~40V	0A	1.66A	560mV	45W
WMIEAS1045H1x	100~240VAC	41~56V	0A	1.17A	640mV	48W

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	TEST CONDITIONS			Unit
		Min	Typ	Max	
INPUT SPECIFICATIONS					
Input Voltage Range		100		240	VAC
Input Frequency		50		60	Hz
Input Current			≤1.5		A
Inrush Current	@Cold Start		≤80		A
OUTPUT SPECIFICATIONS					
Output Voltage		See Table			
Line Regulation ⁽³⁾			±1		%
Load Regulation			±5		%
Output Power		See Table			
Output Current		See Table			
Ripple & Noise ⁽²⁾		See Table			
Turn On Time			≤3		S
Hold Up Time			≥8.3		mS

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.

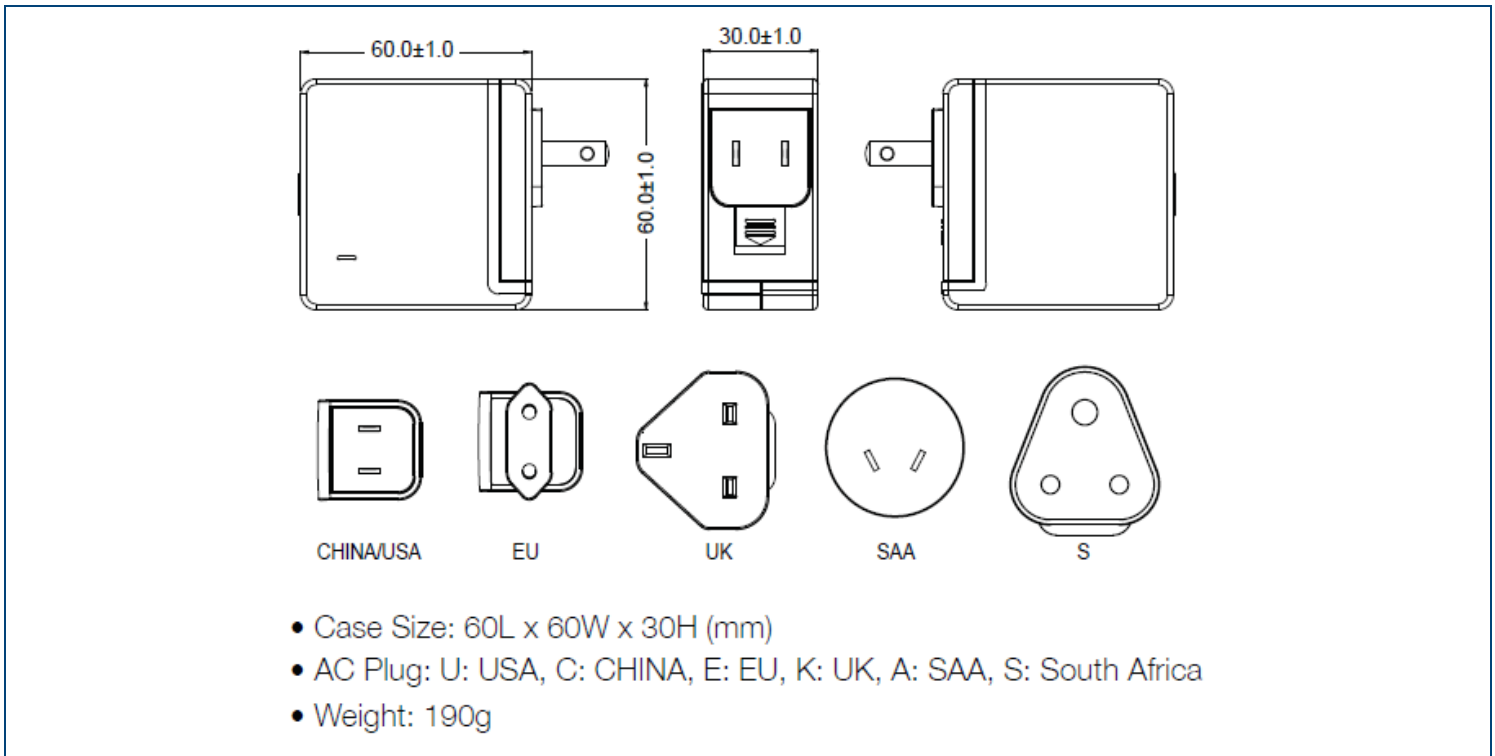
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
PROTECTION					
Short Circuit Protection			Automatic Recovery		
Over Current Protection			Automatic Recovery		
Over Voltage Protection			Automatic Recovery		
Over Temperature Protection			Option		
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		0		40	°C
Storage Temperature		-20		85	°C
Storage Humidity		5		90	%
MTBF		100,000			Hours
GENERAL SPECIFICATIONS					
Efficiency			Meets CEC Level VI (DoE)		
PHYSICAL SPECIFICATIONS					
Weight			6.7oz (190g)		
Dimensions (L x W x H)	USB Type C Outlet		2.36in x 2.36in x 1.18in (60mm x 60mm x 30mm)		
AC Plugs			USA, China, EU, UK, SAA, South Africa		
SAFETY CHARACTERISTICS					
Safety Approvals		UL/cUL ⁽⁶⁾ , TUV, CB, CE, FCC, and CCC			

NOTES

- "X" in model number represents the plug type. "X" can either be "U" for USA plug, "C" for China plug, "E" for EU plug, "K" for UK plug, "A" for SAA plug, or "S" for South African plug.
- Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- Certificates listed are for reference only. Please contact factory for more details.
- 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

©2019 Wall Industries, Inc. Specifications subject to change without notice. Wall Industries is not responsible for typographical errors. The information contained herein is for informational purposes only. This information is provided by Wall Industries and we make no representations or warranties of any kind, express or implied, about the completeness, accuracy, reliability, suitability or availability with respect to the information contained in this document for any purpose. All product and manufacturer names are trademarks or registered trademarks of their respective companies.