



South Africa



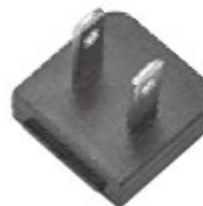
UK



SAA



EU



USA/China

Size: 2.25in x 1.53in x 1.33in (57.2mm x 38.86mm x 33.82mm)

OPTIONS

- AC Plug Type (USA, China, EU, UK SAA, or South Africa)
- USB or SR Output Type

FEATURES

- 6 Watts of Output Power
- Input Range of 100 to 240VAC
- Output Voltages Ranging from 5V~12V
- Over Voltage, Over Current, and Short Circuit Protection
- MTBF > 30,000 hours
- RoHS Compliant
- Level VI Compliant
- US, China, EU, UK, SAA, and South Africa Plugs Available
- USB or SR Output Available
- UL/cUL UL60950, UL60065, CB, CE, and FCC Safety Approvals

DESCRIPTION

The WMIEA1005 series of AC DC wall mount power supplies provides 6 watts of output power in a compact package. This series consists of single output models that have an input range of 100 to 240VAC and output voltages ranging from 5V to 12V. Several different options are available for this series; AC plug type can either be USA, China, EU, UK, SAA, or South Africa plug and output type can either be USB or SR type. This series is both RoHS and Level VI compliant, and has UL/cUL, UL60950, UL60065, CB, CE, and FCC safety approvals. Please call factory for order details.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current		Ripple & Noise ⁽²⁾	Output Type	Output Power	Efficiency Level
			Min Load	Max Load				
WMIEA1005AVxS	100~240VAC	5~8V	0A	1.2A	100mV	SR	6W	Level VI
WMIEA1005AVxU						USB		
WMIEA1005BVxS	100~240VAC	9~12V	0A	0.66A	180mV	SR	6W	Level VI
WMIEA1005BVxU						USB		
WMIEA1005CVxS	100~240VAC	9V	0A	0.5A	180mV	SR	6W	Level VI
WMIEA1005CVxU						USB		
WMIEA1005DVxS	100~240VAC	9V	0A	0.67A	180mV	SR	6W	Level VI
WMIEA1005DVxU						USB		

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.

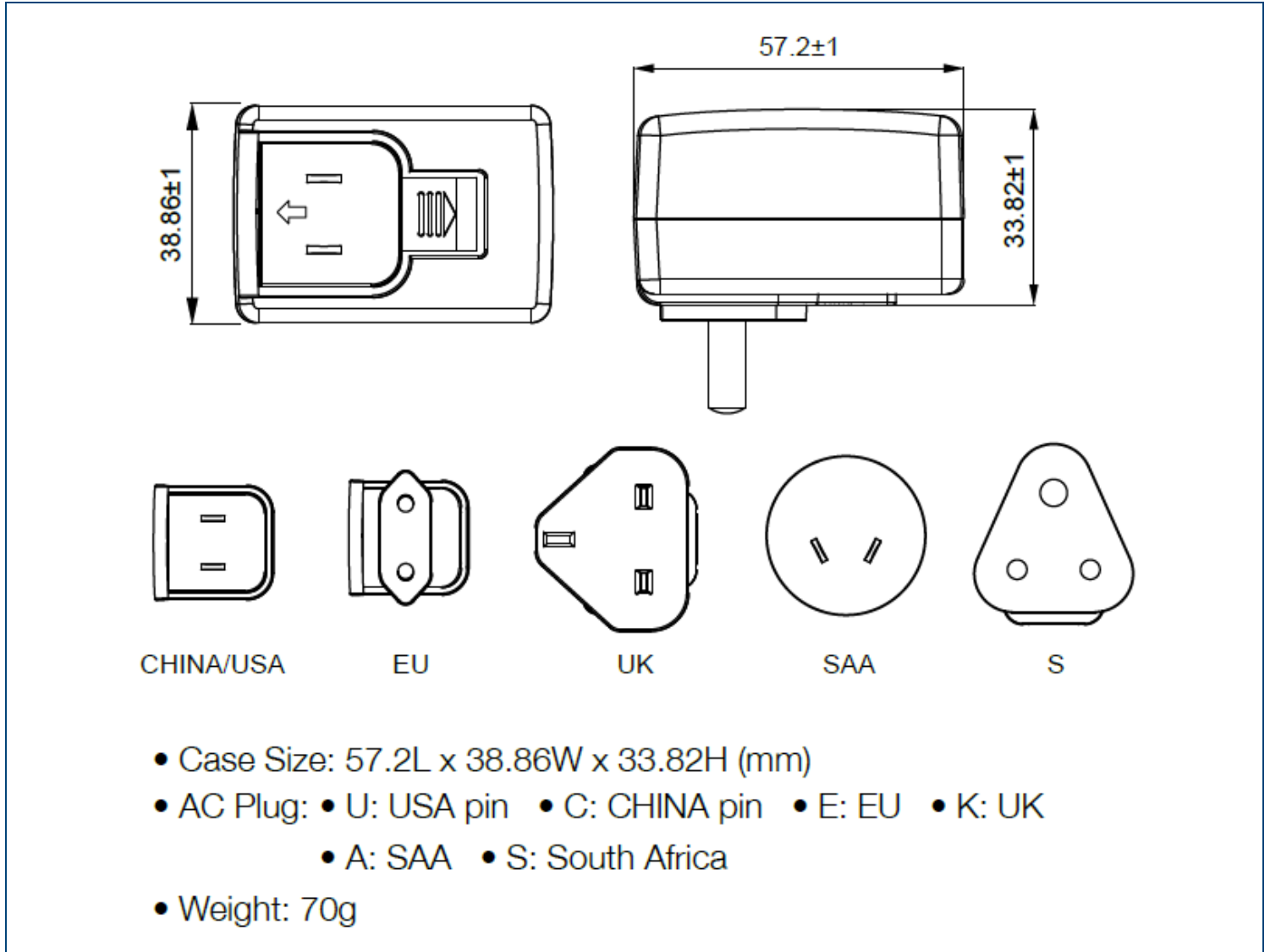
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
INPUT SPECIFICATIONS					
Input Voltage Range		100		240	VAC
Input Frequency		50		60	Hz
Input Current			≤1.0		A
Inrush Current			≤60		A
OUTPUT SPECIFICATIONS					
Output Voltage		See Table			
Line Regulation		-1		+1	%
Load Regulation		-5		+5	%
Output Power				6	W
Output Current		See Table			
Ripple & Noise (20MHz bandwidth)		See Table			
Hold Up Time			≥8.3		mS
Turn On Time			≤3		S
PROTECTION					
Short Circuit Protection		Automatic Recovery			
Over Current Protection		Automatic Recovery			
Over Voltage Protection		Automatic Recovery			
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		0		40	°C
Storage Temperature		-20		85	°C
Operating Humidity		10		90	%
Storage Humidity		5		95	%
MTBF		30,000			hours
PHYSICAL SPECIFICATIONS					
Weight		2.47oz (70g)			
Dimensions (L x W x H)		2.25in x 1.53in x 1.33in (57.2mm x 38.86mm x 33.82mm)			
SAFETY					
Safety Approvals		UL/cUL ⁽⁵⁾ CB CE FCC CCC			

NOTES

- (1) "x" in model number indicates the AC Plug type. "x" can either be "U" for US Plug, "C" for China Plug, "E" for EU Plug, "K" for UK Plug, "A" for SAA Plug, or "S" for South Africa Plug.
- (2) Ripple & Noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1µF ceramic capacitor & parallel with 47µF aluminum capacitor at dull load and nominal line.
- (3) Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- (4) Certificates listed are for reference only. Please contact factory for details.
- (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



MODEL NUMBER SETUP

WMIEA1005	B	V	X	U
Series Name	Set Output Voltage Range	Case Type	AC Plug Type	Output Type
	A: 5~8V B: 9~12V	V: Vertical	U: USA C: China E: EU K: UK A: SAA S: South Africa	U: USB S: SR (Standard Receptical)

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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