



Size: 2.69in x 1.10in x 0.73in (68.5mm x 28mm x 18.55mm)

**FEATURES**

- Universal Input 90~264VAC
- DoE/ErP Level VI Efficiency Compliant
- RoHS Compliant
- Interchangeable Plugs: US, UK, EU, SAA, CN
- MTBF 50,000 hours
- Class II

**DESCRIPTION**

The WMIBA018 series of AC/DC wall mount power supplies provides 18 watts of continuous output power. The series consists of models with a 90~264VAC input voltage range. All units are RoHS and Level VI Efficiency compliant and has UL, cUL, BSMI, CCC, PSE, RCM, CE, and FCC safety approvals. The WMIBA018 series offers 5 plug types: US, UK, EU, SAA, and CN.

**MODEL SELECTION TABLE**

Model Number <sup>(1)</sup>	Input Voltage Range	Output Voltage	Output Current	Ripple & Noise	Output Power	Efficiency
WMIBA018005X	90~264VAC	5V	3.0A	200mV	18W	≥81.3%
WMIBA018089X	90~264VAC	8.9V	3.0A	200mV	18W	≥81.3%
WMIBA018009X	90~264VAC	9V	2A	200mV	18W	≥87.3%
WMIBA018119X	90~264VAC	11.9V	2A	200mV	18W	≥87.3%
WMIBA018012X	90~264VAC	12V	1.5A	200mV	18W	≥87.3%
WMIBA018179X	90~264VAC	17.9V	1.5A	200mV	18W	≥87.3%
WMIBA018018X	90~264VAC	18V	1A	200mV	18W	≥87.3%
WMIBA018239X	90~264VAC	23.9V	1A	200mV	18W	≥87.3%
WMIBA018024X	90~264VAC	24V	0.75A	200mV	18W	≥87.3%
WMIBA018349X	90~264VAC	34.9V	0.75A	200mV	18W	≥87.3%
WMIBA018035X	90~264VAC	35~56V	0.51A	200mV	18W	≥87.3%
WMIBA018056X	90~264VAC	35~56V	0.51A	200mV	18W	≥87.3%

**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		90		264	VAC
Input Frequency			50/60		Hz
Input Current				0.5	A
Inrush Current	@Cold Start		80		A
<b>OUTPUT SPECIFICATIONS</b>					
Output Voltage				See Table	
Output Regulation			±5		%
Load Regulation			5		%
Output Power				See Table	
Output Current				See Table	
Ripple & Noise (20MHz bandwidth)				See Table	
No Load Power Consumption				0.075	W
<b>PROTECTION</b>					
Short Circuit Protection				Auto-Recovery	
Over Current Protection				Auto-Recovery	
<b>ENVIRONMENTAL SPECIFICATIONS</b>					
Operating Temperature		0		40	°C
Storage Temperature		-20		85	°C
Storage Humidity		5		95	%
MTBF			50,000		Hrs
<b>GENERAL SPECIFICATIONS</b>					
Efficiency				See Table	
<b>PHYSICAL SPECIFICATIONS</b>					
Weight	US				US Plug: 119.4g
	Australia				Australia Plug: 116g
	UK				UK Plug: 134.5g
Dimensions (L x W x H)					2.69in x 1.10in x 0.73in (68.5mm x 28mm x 18.55mm)
<b>SAFETY CHARACTERISTICS</b>					
EMI & Safety Approvals		UL, cUL, BSMI, CCC, PSE, RCM, CE, and FCC			

**NOTES**

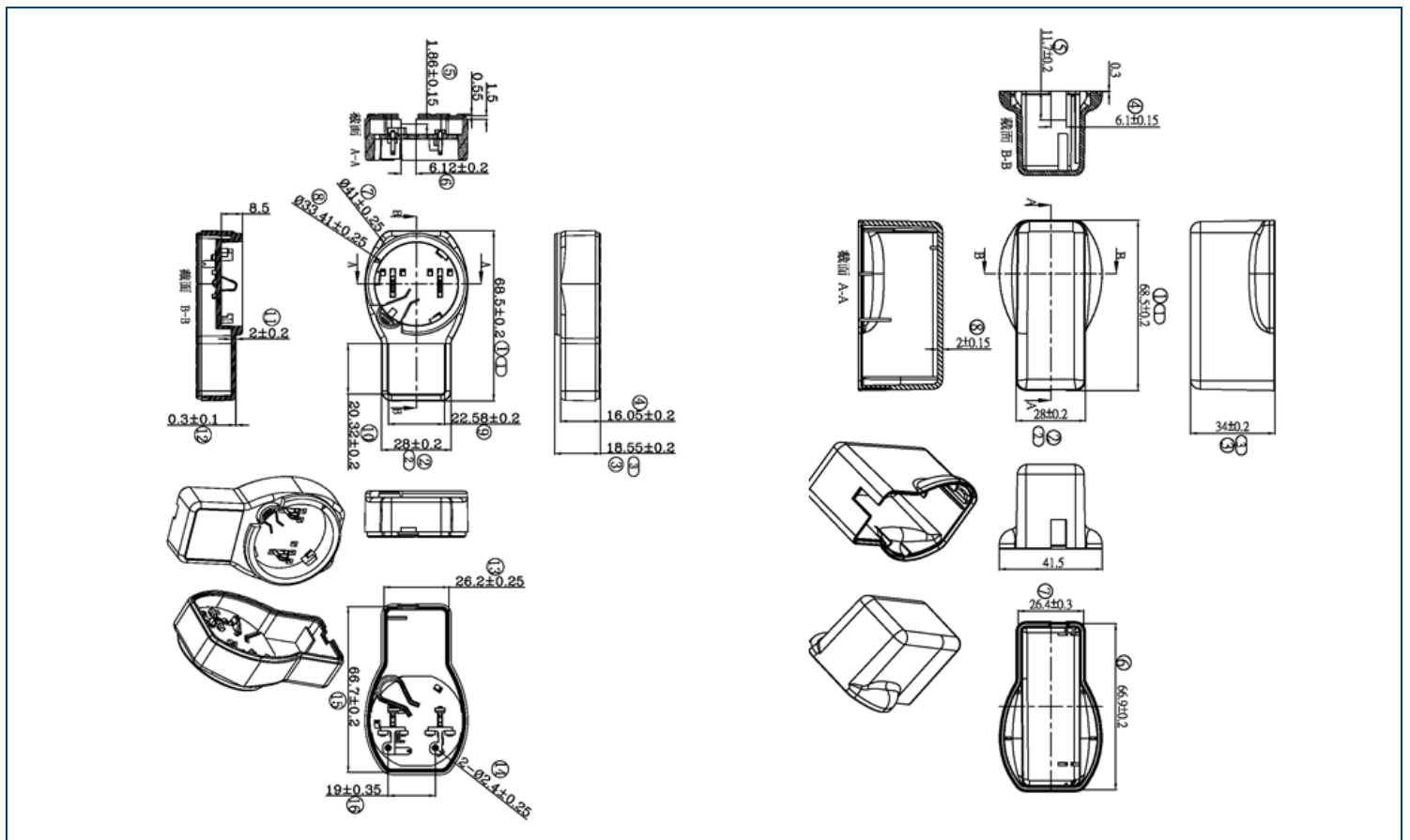
1. "X" in model number stands for plug type. "X" can either be "U" for US plug, "E" for EU plug, "K" for UK plug, "S" for SAA plug, or "CN" for CN plug.  
*\*Due to advances in technology, specifications subject to change without notice.*

**MODEL NUMBER SETUP**

WMIBA	-	018	005	U
Series Name		Output Power	Output Voltage	Plug Type
		<b>018:</b> 18 Watts	<b>005:</b> 5 Volts <b>089:</b> 8.9 Volts <b>009:</b> 9 Volts <b>119:</b> 11.9 Volts <b>012:</b> 12 Volts <b>179:</b> 17.9 Volts <b>018:</b> 18 Volts <b>239:</b> 23.9 Volts <b>024:</b> 24 Volts <b>349:</b> 34.9 Volts <b>035:</b> 35 Volts <b>056:</b> 56 Volts	<b>U:</b> US Plug <b>E:</b> EU Plug <b>K:</b> UK Plug <b>S:</b> SAA Plug <b>CN:</b> CN Plug

Note: Output Voltage should be selected within range shown  
Device will be limited to the maximum output current rating and/or maximum power for mode

**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 ISO9001-2008 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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