

White Case (Suffix "W")



Black Case (Suffix "B")



Blue (Suffix "LB")



Red Case (Suffix "R")



Green (Suffix "G")



Size: 1.39in x 1.63in x 0.91in (35.4mm x 41.5mm x 23mm)

FEATURES

- US Type AC Plug
- USB Type Outlet Connector
- RoHS Compliant
- REACH Compliant
- 5-12 Watts Output Power
- 5 VDC Single Outputs
- Very Low Standby Power
- Level VI Compliant
- Small and Compact Size
- 90-264VAC Input Voltage Range
- 10°C to +40° Operating Temperature Range
- Over Current & Short Circuit Protection
- UL and FCC Safety Approvals
- Several Case Colors Available

DESCRIPTION

The WMCUB6 series of wall mount AC/DC power supplies delivers up to 6 Watts of output power in a 1.39" x 1.63" x 0.75" package. This series has single output models with an input voltage range of 90-264VAC. These supplies are protected against over current and short circuit conditions. The WMCUB6 series is RoHS, REACH, and Level VI compliant and has UL and FCC safety approvals. These supplies are also available in a variety of case colors.

MODEL SELECTION TABLE

Model Number ⁽¹⁾	Input Voltage Range	Output Voltage	Output Current	Ripple & Noise	Output Power
WMCUB505-Ux	90~264VAC	5 VDC	1000mA	100mVp-p	5W
WMCUB1005-Ux		5 VDC	2000mA	100mVp-p	10W
WMCUB10505-Ux		5 VDC	2100mA	100mVp-p	10.5W
WMCUB1205-Ux		5 VDC	2400mA	100mVp-p	12W

TECHNICAL SPECIFICATIONS: WMCUB6 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		90		264	VAC
Input Frequency		47		63	Hz
Input Current				1.2	A
Inrush Current				40	A
Stand-by Power	At 230VAC/50Hz and no load			0.1	W
OUTPUT SPECIFICATIONS					
Output Voltage			5		VDC
Line Regulation				1	%
Output Regulation		-5		+5	%
Output Power				12	W
Output Current		See Table			
Ripple & Noise				100	mVp-p
Turn-on Time			20-30		mS
Temperature Coefficient			0.05		%/°C
PROTECTION					
Over Current Protection		Automatic Recovery			
Short Circuit Protection		Automatic Recovery			
GENERAL SPECIFICATIONS					
Efficiency		Energy Star VI			
Insulation	Primary to Secondary	50			MΩ
Leakage Current				0.25	mA
ENVIRONMENTAL SPECIFICATIONS					
Operating Temperature		10		+40	°C
Storage Temperature		-20		+80	°C
Humidity	Non-condensing	5		95	% RH
Cooling		Convection			
MTBF	0.5% annual field failure rate at 25°C	50,000			hours

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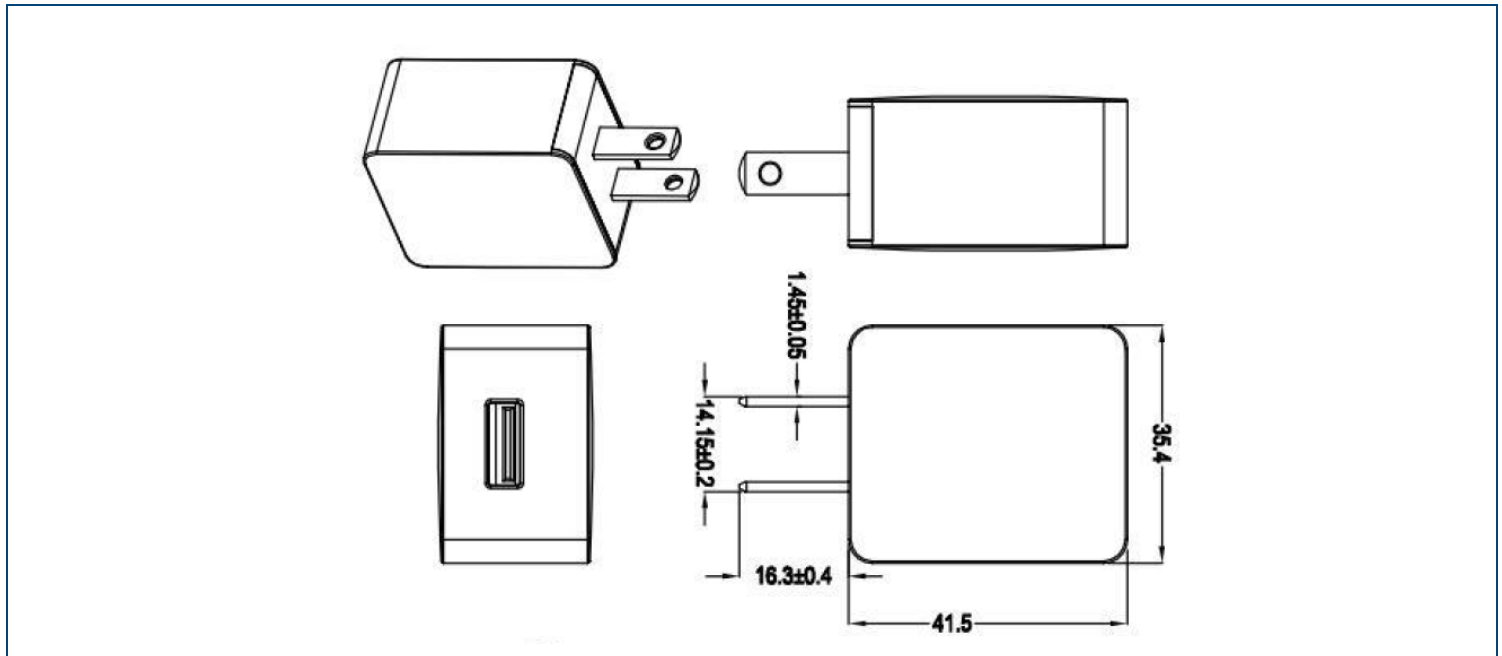
SPECIFICATION	TEST CONDITIONS	Min	Typ	Max	Unit
PHYSICAL SPECIFICATIONS					
Weight				1.32oz (37.5g)	
Dimensions (L x W x H)				1.39" x 1.63" x 0.91" (35.4 x 41.5 x 23mm)	
Output Connector				USB	
Case Color				Several color options available	
SAFETY					
Safety ⁽²⁾	Safety Approvals			UL, FCC	
	Safety Standards			60950	

NOTES

- The "x" in the model number represents the case color. "x" can be "W" for white case, "B" for black case, "LB" for blue case, "R" for red case, or "G" for green case.
- This product is Listed to applicable standards and requirement by UL.

**Due to advances in technology, specifications subject to change without notice.*

MECHANICAL DRAWING



MODEL NUMBER SETUP

WMCUB	5	05	-	U	W
Series Name	Output Power	Output Voltage		AC Plug Type	Case Color
	5: 5 Watts 10: 10 Watts 105: 10.5 Watts 12: 12 Watts	05: 5 VDC		U: United States	B: Black W: White G: Green R: Red LB: Blue

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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