

**FEATURES**

- Single Output
- Class II Insulation
- RoHS Compliance
- Protection Type: Auto-Recovery
- Applications: MP3 players, I-Pods, POS, DVD
- CEC Efficiency Regulations Compliance (Optional)
- Over Voltage and Short Circuit Protective Installation
- Interchangeable AC Plug Options: EU, UK, AUS, and US Types

**DESCRIPTION**

The WMIPEA1020 series offers 20 watts in a single output wall mount power supply with interchangeable plugs. All units are short circuit and over voltage protected. Output voltages range from 5 to 35VDC. Plugs come in United States/Japan (US), Europe (EU), Australia (AUS), and United Kingdom (UK) types. Plugs are sold separately so please contact factory for ordering details.

<b>SPECIFICATIONS: WMIPEA1020 Series</b>	
<i>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.</i>	
<b>INPUT SPECIFICATIONS</b>	
Input Voltage Range (Limit)	90 ~ 264VAC
Input Frequency	47 ~ 63Hz
<b>OUTPUT SPECIFICATIONS</b>	
Output Current	See Table
Output Voltage	See Table
Line Regulation	1% max.
Load Regulation	±5%
Output Power	20W
Ripple & Noise (20MHz BW)	WMIPEA1020AR, WMIPEA1020R WMIPEA1020CR: 1.2% max. WMIPEA1020DR: 1% max.
<b>PROTECTION</b>	
Over Voltage Protection	Yes
Short Circuit Protection	Yes
<b>GENERAL SPECIFICATIONS</b>	
Efficiency	See Table
Class I or Class II	Class II
LED Indication	No
<b>ENVIRONMENTAL SPECIFICATIONS</b>	
Operating Temperature	0°C ~ +40°C
Storage Temperature	-20°C ~ +85°C
MTBF	30,000 hours
<b>PHYSICAL SPECIFICATIONS</b>	
Dimensions	3.86(L) x 1.77(W) x 1.32(H) inches 98(L) x 45(W) x 33.5(H) mm
AC Plug	EU, UK, AUS, and US Types
Standard Plug	Optional
Weight	Approximately 220g
<b>SAFETY &amp; EMC</b>	
Safety (1) / EMC	UL/CUL <sup>(4)</sup> , CE, CCC, FCC, DoIR+C-Tick
Safety (2) / EMC	See Table
Safety Standards <sup>(4)</sup>	UL60950-1, EN60950-1, UL60065, EN60065

## MODEL SELECTION GUIDE

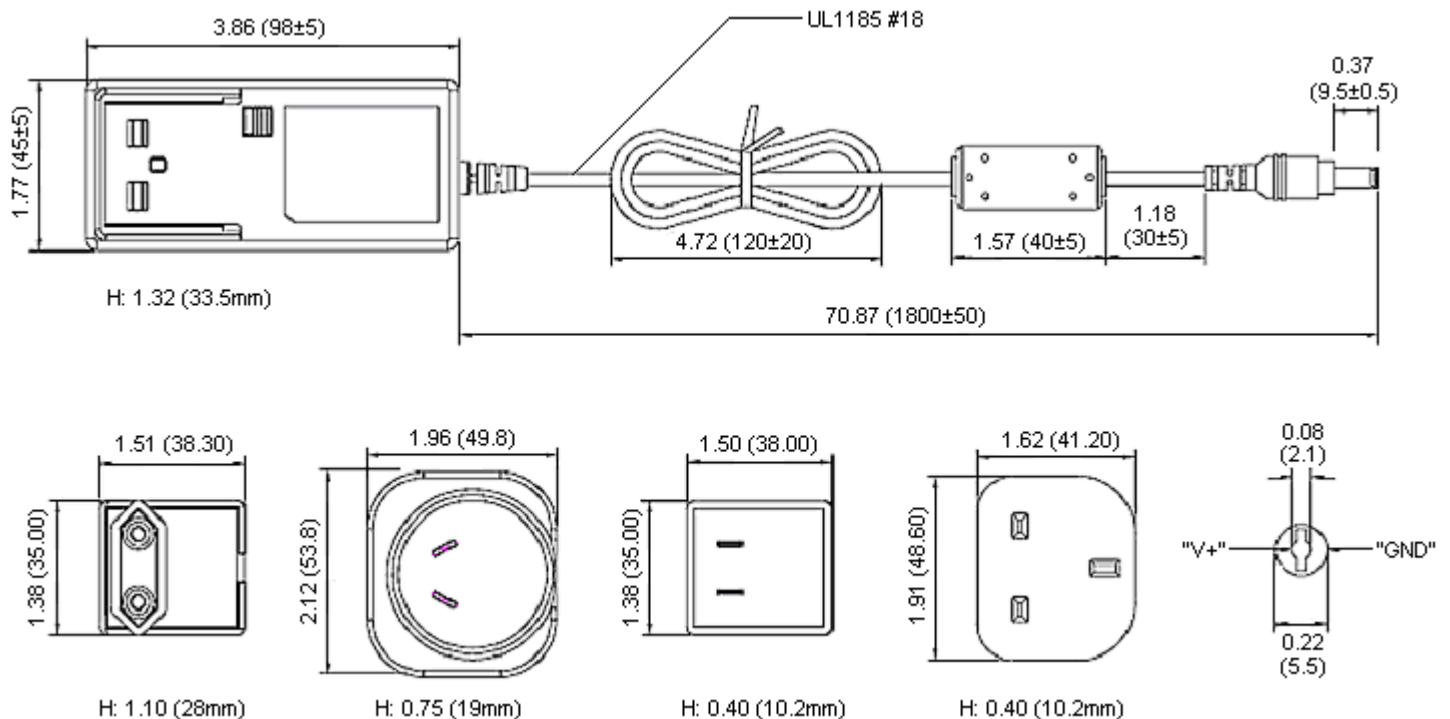
Model	Input Voltage	Preset Voltage	Output Voltage Range	Maximum Output Current	Maximum Output Power	Efficiency (Typ)	Safety (2) / EMC
WMIPEA1020AR	90 ~264VAC	5 VDC	5 ~ 8 VDC	4.0A	20W	68%	UL/CUL
WMIPEA1020R	90 ~264VAC	9 VDC	9 ~ 12 VDC	2.0A	20W	70%	UL/CUL
WMIPEA1020CR	90 ~264VAC	13 VDC	13 ~ 20 VDC	1.54A	20W	75%	UL/CUL, PSE (16~20VDC)
WMIPEA1020DR	90 ~264VAC	21 VDC	21 ~ 35 VDC	0.95A	20W	80%	UL/CUL, PSE (21~30VDC)

## NOTES

1. The output voltage is specified as a range (Ex: 21 ~ 35VDC); the preset voltage will be set as standard models if nothing different is requested. Please contact factory for ordering details.
2. This wall mount power supply has four interchangeable AC plug options available: EU, UK, AUS, and US types. AC plugs are sold separately. Please call factory for ordering details.
3. Other DC plug types and sizes are available. 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 DRAWING

Unit: inches (mm)





## 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:

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