

## Not Recommended for New Design



### ■ Features

- Single output from 17.5-20W
- 100-240Vac Universal Input
- IEC/EN/ANSI/AAMI ES60601-1 (edition 3.1)
- EMC: IEC60601-1-2: 2014 (edition 4.0)
- Regulated output with low ripple noise
- Means of protection: 2 X MOPP
- Efficiency level VI
- Leakage current: <100µA, <10µA(Optional)
- Available plug types: US, EU, and UK
- 2-year warranty
- Space saver design
- Not recommended for new design, recommended replacement WM-M024A
- Parts will reach end of life by end of Q3, 2020



\*Product images are for illustrative purposes only and may vary from actual design.

### ■ Application

- Medical equipment

### ■ Model List

Custom Designs Available!

Model	Output Voltage	Output Current	Power
WM-M020A-050-X-XX	5V	3.5A	17.5W
WM-M020A-059-X-XX	5.9V	3A	17.7W
WM-M020A-090-X-XX	9V	2.22A	20W
WM-M020A-120-X-XX	12V	1.67A	20W
WM-M020A-150-X-XX	15V	1.33A	20W
WM-M020A-180-X-XX	18V	1.11A	20W
WM-M020A-240-X-XX	24V	0.83A	20W
WM-M020A-480-X-XX	48V	0.42 A	20W

### ■ Technical Data

Voltage	100-240Vac
Line Frequency	50-60Hz
Current	0.45A-0.3A
Protection	Internal Primary Current Fuse, Inrush limiting
Configuration	A for US Plug
	D for EU Plug
	C for UK Plug

Technical Sales / Customer Service: +1-818-338-7788 • Email: [sales@autec.com](mailto:sales@autec.com)

31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • [www.autec.com](http://www.autec.com)

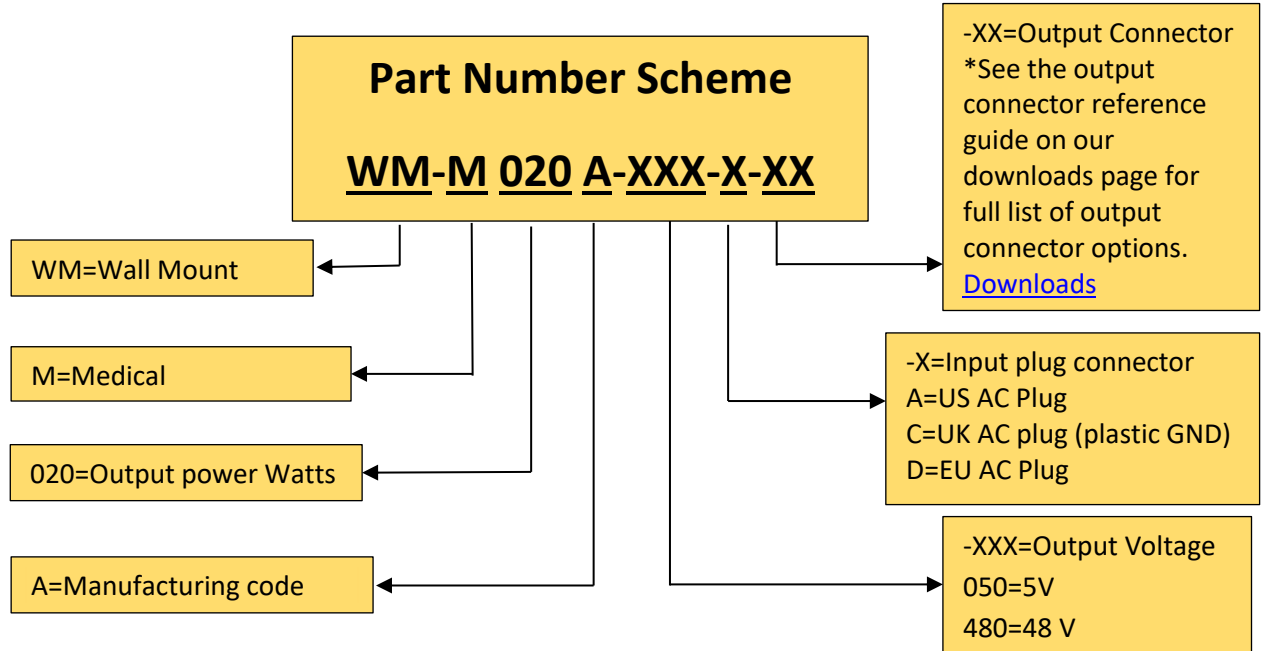
April 19, 2019

■ **Technical Data(cont.)**

Load Regulation	±5%(Typical)
Ripple	2% Vp-p Max. for Output Voltage @ Full Load
Transient Response	0.5mS for 50% Load Change Typical
Hold-up Time	10mS@ Full Load
Protection	Short Circuit Protection/ Over Voltage protection/ Over Current Protection
DC Cord	22AWG/20AWG/18AWG
Topology	Switching Flyback
Dielectric Withstand	4000Vac Primary- Secondary
Leakage Current	<100µA, <10µA(Optional)
Efficiency	Energy Star Level VI, ErP Stage 2, NRCan & GEMS Certified
MTBF	300,000 Calculated Hours at 25°C
Operating Temperature	0 to +40 °C
Storage Temperature	-20 to +80 °C
Relative humidity	Operating: 20 to 80% RH Storage: 10 to 90% RH
Cooling	Natural Convection Cooling
Case Dimensions	US: 72x34x69mm
	EU: 72x34x90mm
	UK: 72x50x81mm
Weight	US: 148g, EU: 143g, UK: 158g

■ **Safeties and Compliances**

Safety Approvals	UL/cUL/CE
EMI Conduction and Radiation	Compliance to EN55011 Class B
Harmonic Current	Compliance to EN61000-3-2, 3
EMS Immunity	Compliance to IEC60601-1-2



\*Product images are for illustrative purposes only and may vary from actual design.

\*Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.