

■ Features

- Single output from 120W
- Input voltage range: 90-264V
- Output current(2500-10000mA)
- UL-60601-1-2, 3rd Edition
- Touch current <100μA
- 5"x 3" form factor
- Means of Protection: 2XMOPP
- Protections: OVP, SCP, OTP, and OCP
- Modified and custom designs available
- 2-year Warranty
- Industrial Grade available(SP120A)



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

■ Applications

- Medical grade equipment

■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Certificates
SP-M120A-1121	90–264Vac	120W	12V	0	10A	UL/cUL
SP-M120A-1151	90–264Vac	120W	15V	0	8A	UL/cUL
SP-M120A-1191	90–264Vac	120W	19V	0	6.3A	UL/cUL
SP-M120A-1241	90–264Vac	120W	24V	0	5A	UL/cUL
SP-M120A-1301	90–264Vac	120W	30V	0	4A	UL/cUL
SP-M120A-1481	90–264Vac	120W	48V	0	2.5A	UL/cUL

■ Technical Data

Input Voltage	90–264Vac
Frequency	50/60 Hz
Input Current	1.5A-0.7A
Input Protection	Internal Primary Current Fuse
Load Regulation	±5%
Ripple	1% 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/Over Temperature Protection
Topology	LLC
Dielectric Withstand	4000Vac Primary-Secondary
Touch Current	<100μA
MTBF	300,000 Calculated hours at 25°C, by Telcordia SR-332

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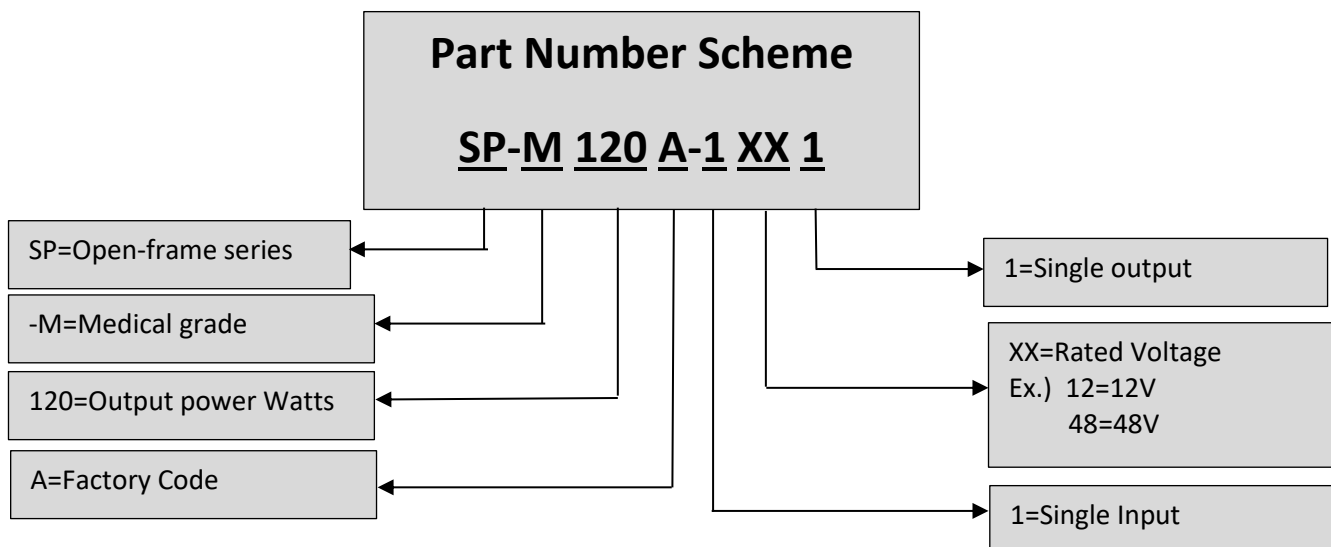
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■ **Technical Data(cont.)**

Operating Temperature	0 to +50°C
Storage Temperature	-20 to +80°C
Operating Humidity	20 to 80% RH
Storage Humidity	10% to 90% RH
Cooling	Natural Convection Cooling
Dimension (mm)	L127xW76xH30.48
Dimension (in)	5"x3"x1.2"
Weight	300g

■ **Safety and EMC Approval**

ANSI/AAMI/IEC/EN	60601-1:2012 (60601 edition 3.1)
EMC	IEC60601-1-2:2014 (edition 4.0)
UL	UL60950-1, EN60950



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

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