

2120 SERIES



AC/DC Single Output: 10~60 Watts



Features

- Universal input voltage 90~264 VAC
- Safety approvals
- Optional IEC320 input plug or fixed cord and plug
- Short circuit protection
- Overvoltage protection
- Wide range of output voltages
- High efficiency up to 85%
- EMC compliance
- Medically approved models:
9920, 9921, 2020
- Optional mounting brackets -
- for 9920/9921: 9940 bracket
- for 2020: 2040 bracket

Model 2 Pin IEC Plug	Model 3 Pin IEC Plug	Output		Power W
		V	A	
2121 - 6		6V	1.0A	6.0W
2121 - 9		9V	1.0A	9.0W
2121 - 13.2		13.2V	0.75A	10.0W
2121 - 16		16V	0.6A	10.0W
2121 - 24		24V	0.4A	10.0W
2124 - 6		6V	1.5A	9W
2124 - 9		9V	1.5A	14W
2124 - 13.2		13.2V	1.2A	15W
2124 - 16		16V	1.0A	16W
2124 - 24		24V	0.65A	16W
9921 - 5	9920 - 5	5V	3.5A	17.5W
9921 - 9	9920 - 9	9V	3.0A	30W
9921 - 13.2	9920 - 13.2	13.2V	3.0A	40W
9921 - 16	9920 - 16	16V	2.5A	40W
9921 - 24	9920 - 24	24V	1.6A	40W
9921 - 48	9920 - 48	48V	0.8A	40W
	2020 - 9	9V	4.5A	40W
	2020 - 13.2	13.2V	4.5A	60W
	2020 - 16	16V	3.75A	60W
	2020 - 24	24V	2.5A	60W

SPECIFICATIONS

INPUT VOLTAGE:	90~264 VAC
FREQUENCY:	47~63Hz
OUTPUT POWER:	10~60 watts
OUTPUT VOLTAGE:	5~48 VDC models, see table
VOLTAGE ADJUSTMENT:	Fixed voltage, however, special voltages are available on request
LOAD REGULATION:	±1.0%
LINE REGULATION:	±0.5%
MINIMUM LOAD:	Zero
SWITCHING FREQUENCY:	60Hz (10-15W), 40Hz (40-60W)
OVERSHOOT:	±300mV at 10%-90% load step
HOLD UP TIME:	Typically 20ms
OPERATING TEMP:	-20°C to +40°C at rated power. Derate at 1W per °C from 40°C - 60°C
RIPPLE:	Model dependent typically 1% pk - pk
EFFICIENCY:	Model dependent 83% to 85%
INSULATION CLASS:	10W and 15W models: Class II 40W and 60W models: Class I
ISOLATION:	Input - Output: 3000 VAC (10W -15W) Input - Output: 4000 VAC (40W - 60W)
SAFETY:	EN60950 - all models EN60601-1 & UL2601-1 medical option 40W - 60W models
EMC:	Emission: EN50081-1 EN60601-1-2 medical model Immunity: EN50082-1
PROTECTION:	Short circuit protection
OVP:	Overvoltage protection standard
INPUT PLUG: (IEC320 2 pin or IEC320 3 pin)	<ul style="list-style-type: none"> • 10 - 15W models - two pin IEC plug • 40W models - two pin IEC plug standard, 3 pin plug option • 60W models - three pin IEC standard. Input fixed cord option
OUTPUT CORD:	Two core cable and plug with optional exchangeable plugs
DIMENSIONS:	10 -15W models: 90 x 43 x 32mm. 200g 40W model: 107 x 67 x 36.5mm. 250g 60W model: 135 x 80 x 44mm. 350g

