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# DESKTOP Single Output 120 Watt

- A family of single output, 120 Watt, universal input switching power supplies
- Meets international and domestic commercial safety standards
- Includes "Power On" LED indicator



## Ordering Information

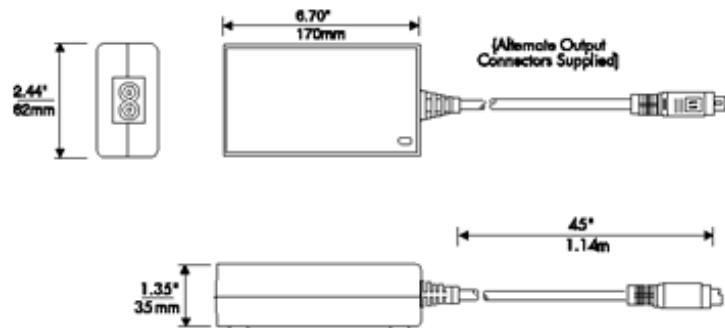
Model Number	Nominal Power	Output, DC	
		Volts	Amps
OTE-120-12-X	120 MAX	12	9.0
OTE-120-14-X	120 MAX	14	8.5
OTE-120-15-X	120 MAX	15	8.0
OTE-120-18-X	120 MAX	18	6.7
OTE-120-19-X	120 MAX	19	6.3
OTE-120-20-X	120 MAX	20	6.0
OTE-120-22-X	120 MAX	22	5.4
OTE-120-24-X	120 MAX	24	5.0
OTE-120-48-X	120 MAX	48	2.5

X = 2, 2 PIN, IEC-320C8

X = 3, 3 PIN, IEC-320C6

All units can be customized to meet specific needs.

[Download Desktop Single Output 120 Watt Brochure](#)



## SPECIFICATIONS

### ELECTRICAL

#### INPUT

- Universal, 90 - 264Vac, 47-63 Hz, single phase
- Inrush current:
  - 30A Max @ 115Vac & cold start
  - 60A Max @ 230Vac & cold start

#### OUTPUT

- Ripple \* 1 % p-p of output voltage
- measured differentially
- Max total regulation \*\* 5 %
- Max start-up time 3.5 s at 110VAC
- Holdover 12 ms minimum at 110VAC

*\*Ripple voltage measurement is done with an oscilloscope*

*set at 20 MHz bandwidth and output terminated with 0.1uF*

*ceramic capacitor and 47uF aluminum capacitor at full load*

*and nominal line.*

*\*\*Includes line, load, temperature and set point.*

#### EFFICIENCY

- 85 % minimum

#### PROTECTION

- Output short circuit protection

#### LEAKAGE CURRENT

- Less than 3.5mA

### MECHANICAL

- AC socket IEC-320C8 (C6, 3 PIN)
- Output cord 1.14m
- Output connector Barrel (center positive)
- "Power On" LED indicator Green
- Case color Black
- Dimensions (L x W x H), mm 170 x 62 x 35
- Weight typical, g 525

### ENVIRONMENTAL

- Operating temperature 0 to + 40 °C  
*(at full rated output power with natural convection cooling and in non-restricted environment)*
- Storage temperature -20 to +85 °C
- Operating humidity 10 to 90%
- Storage humidity 5 to 95%

### HI-POT TEST

- Primary to Secondary 3000Vac / 1 minute @ 10mA max

### EMI COMPLIANCE

- FCC part 15J Class B
- CISPR 22 (EN 55022) Class B

### SAFETY APPROVALS

- UL 1950
- cUL
- TUV EN 60950

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