

AC/DC Desktop Power Adapter

• 80~120Watts Max.

MYX-120W



Features

- Active PFC Function
- DoE Compliance
- RoHS Compliance
- IEC320 C8, C6
- Over Voltage Protective Installation
- Over Current Protective Installation
- Over Temperature Protective Installation
- Short Circuit Protective Installation
- MTBF > 100,000 hours

MYX-XXX YYYY Z

X: Output voltage range

3 digits number represents 10 times of the output voltage in volt in step of 0.1V. eg: 050=5.0Vdc,250=25.0Vdc

Y: Output current range

4 digits represent 100 times of output current value in A in step of 0.1A. eg: 0100=0.1A,4000=4.0A.

Z: AC Stands for Enclosure type.

Electrical Specifications

MODEL No.	MAX. OUTPUT POWER (W)	OUTPUT VOLTAGE (Vo)	MIN. LOAD (Io)	MAX. LOAD (Io)	LOAD REGULATION	LINE REGULATION	RIPPLE & NOISE
MYX-1200660	80W	12~16V	0	6.66A	± 5%	± 1%	160mV
MYX-1200700	90W	12~16V	0	7.5A	± 5%	± 1%	160mV
MYX-2400750	90W	19~24V	0	4.73A	± 5%	± 1%	240mV
MYX-1200833	100W	12~16V	0	8.33A	± 5%	± 1%	160mV
MYX-2400416	100W	19~24V	0	5.26A	± 5%	± 1%	240mV
MYX-1200916	110W	12~16V	0	9.16A	± 5%	± 1%	160mV
MYX-2400458	110W	19~24V	0	5.78A	± 5%	± 1%	240mV
MYX-1800600	120W	12~18V	0	10A	± 5%	± 1%	160mV
MYX-2400500	120W	19~24V	0	6.31A	± 5%	± 1%	240mV
MYX-3600333	120W	25~36V	0	4.80A	± 5%	± 1%	360mV
MYX-3900370	120W	37~47V	0	2.55A	± 5%	± 1%	470mV
MYX-4800250	120W	48~56V	0	2.50A	± 5%	± 1%	560mV

NOTE:

- 1 : Ripple & noise is measured by using 20MHz bandwidth limited oscilloscope and terminated each output with a 0.1uF ceramic capacitor & parallel with 47uF aluminum capacitor at full load and nominal line.
- 2 : Line regulation is defined by changing ±10% of input voltage from nominal line at rated load.
- 3 : Max. Output Power (W) ≥Vo x Io

Electrical Specifications

INPUT

- Input Range 100 to 240 VAC
- Frequency 50 to 60Hz
- Input Current ≤ 2.2A
- Inrush Current ≤120A At cold start
- Efficiency Meet CEC Level VI (DoE), CoC Tier 2
- Hold Up Time ≥8.3mS
- Turn On Time ≤3s

OUTPUT

- Over Voltage Protection Latch off
- Short Circuit Protection Auto Recovery
- Over Current Protection Auto Recovery
- Over Temperature Protection Latch off

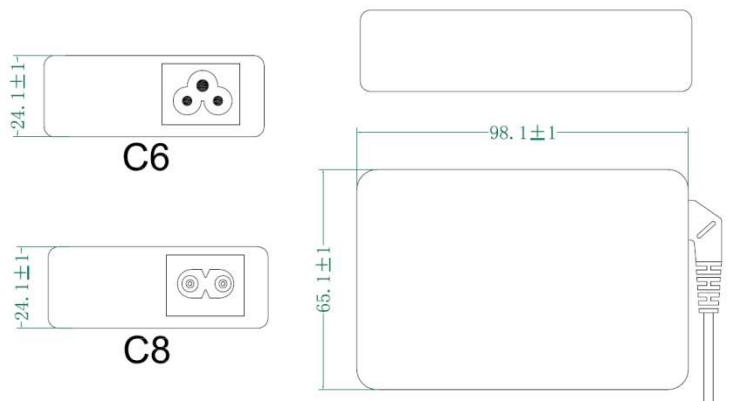
ENVIRONMENTAL

- Operating Temperature 0 to 40°C
- Storage Temperature -20 to 85°C
- Storage Humidity 5% to 95%

SAFETY

- ETL, KC, KCC CB, CE, FCC, CCC

Mechanical Specification



- Case Size: 98.1L x 65.1W x 24.1H(mm)
- AC Inlet: C8, C6
- Weight: 360g

Application Scenarios

- Laptop Accessories, Desktop Projectors, Massage Equipment, Power Tools, etc.