

# General other series - MU240AxxxAQD Class II Series

## Features

- Input voltage range: 90-305 VAC
- High efficiency: 93% typical
- Active PFC: 0.96 typical
- IP67 compliant
- Dimming function: 0 ~ 10V dimming
- Full protection function: OVP, OLP, SCP, OTP
- UL/CUL, CE
- 5-year warranty



223 × 95 × 46mm

## Electrical Specifications

Voltage Range	90 ~ 305 VAC
Frequency Range	47~63 Hz
Power factor	0.98(Min.), 0.99(Typ.) at 110Vac input, 0.97(Min.), 0.98(Typ.) at 220Vac input, 100% load
AC Current	<2.6A MAX at 110Vac, 1.3A MAX at 220Vac
Inrush Current	<65A MAX 25°C, at 230Vac, cold start
Leakage Current	<0.25mA MAX at 230Vac 50Hz input
Line regulation	± 1%
Load regulation	± 3%
Turn-on Delay Time	<3.0s, measured at 120Vac input; 1.5s, measured at 220Vac input
Protection	Over Voltage Protection, Short Circuit Protection, Over Load Protection, Over Temperature

## Environmental Specifications

Operating temperature	-40°C ~ +60°C
Working Humidity	5%~95%RH
Storage Temp., Humidity	-40~+85°C, 5%~%RH
Vibration	2G, 5G, 1 octave/min, period for 1h each along X、Y、Z axes
MTBF	300,000 hours, measured at full load, 25°C ambient temperature
Dimension	223x95x46 mm ( LxWxH )

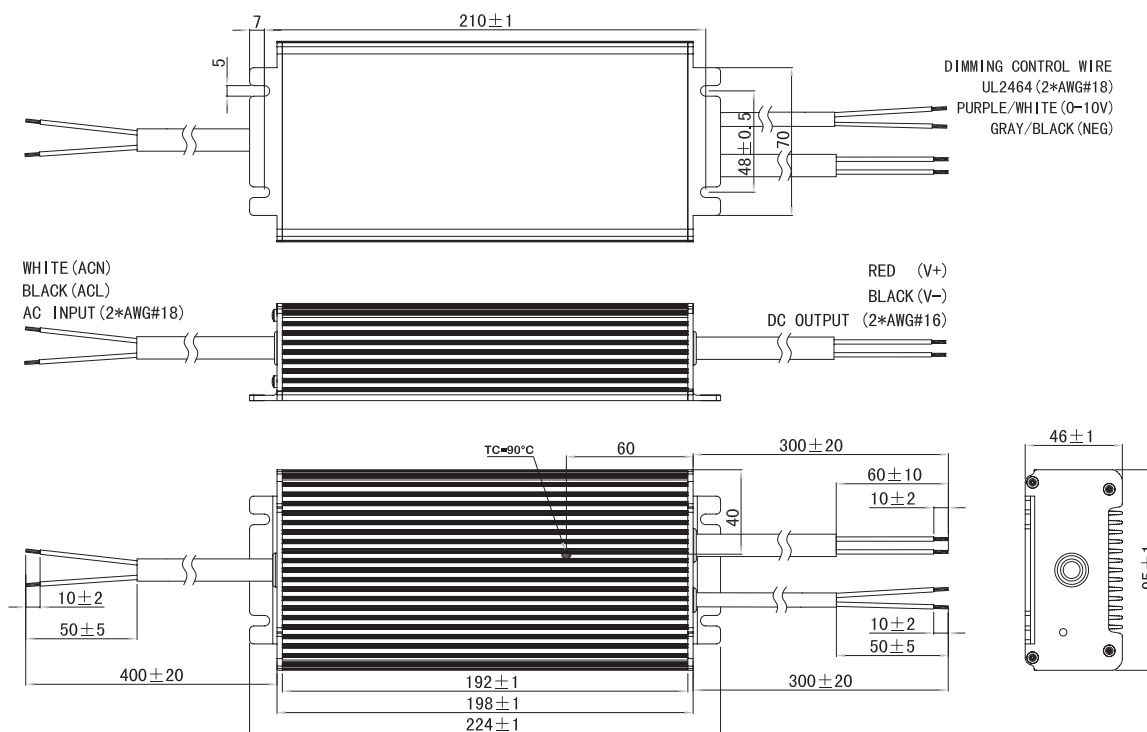
## Safety & EMC Compliance

Safety Standard	UL8750, UL1012, CSA-C22.2 No. 107.1, EN61347-1, EN61347-2-13
Withstand Voltage	I/P-O/P:3kVAC, I/P-FG:1.5kVAC, O/P-FG:1.5kVAC
Isolation Resistance	I/P-O/P, I/P-FG:100M Ohms/500VDC/25°C/70%RH
EMC Emission	EN55015/FCC Part 15 Class B
EMC Immunity	EN61000-4-2,5 (Surge: L,N-FG ± 4kV, L-N ± 2kV)

## Model Specifications

Part Number	Output Voltage Range	Rated Current	Rated Power	Current Accuracy	Efficiency (Typ)	
					110VAC	220VAC
MU240A070AQD	270-340VDC	700mA	240W	± 5%	90%	92%
MU240A100AQD	168-240VDC	1000mA	240W	± 5%	90%	93%

## Mechanical Outline (unit: mm)



Numbering System

Quick Selection

LED Driver

- General Series
- Outdoor Use
- H Series

LED Driver

- General Series
- Outdoor Use
- Half Potted Series

LED Driver

- General Series
- Outdoor Use
- A Series

LED Driver

- General Series
- Outdoor Use
- Other Series

LED Driver

- Intelligent Series
- 50W Intelligent Series

LED Driver

- Intelligent Series
- 40W Intelligent Series

LED Driver

- Intelligent Series
- 50W Intelligent Series

LED Driver

- Intelligent Series
- 50W Intelligent Series

LED Driver

- Intelligent Series
- Other Series

General Power Supplies

- MP Series

SPD

Appendix