

96W Intelligent Series - MU096I210AQI52 (DMX / RDM,1ch)

Features

- Compliant with Class 2 Power supply safety standards
- Constant current LED driver
- Support DMX/RDM dimming
- 1 LED channel, output current can be changed from 200mA to 2100mA
- Mode of wiring: At the bottom of wiring.
- Constant power maximum is 96W
- Normal life time is 50000 hours (at the case's temperature of 70℃)
- Dimming range 0.1%~100%
- Protection compliant with IP20
- 5-year warranty



178.8 × 83.4 × 31.6 mm

Electrical Specifications

Input Voltage range	100~277 VAC
Frequency range	47~63 Hz
Input current	1.2A MAX at 100VAC
Rated power	96W
Power factor	>0.9 at 230V,50Hz,full load
Efficiency	85%(typical) at 230V,50Hz,full load
Output volatge range	34~48VDC
Output current range	200~2100mA
Protections	Thermal Protection,Short-circuit Protection,No-load Protection,Over-Power Protection

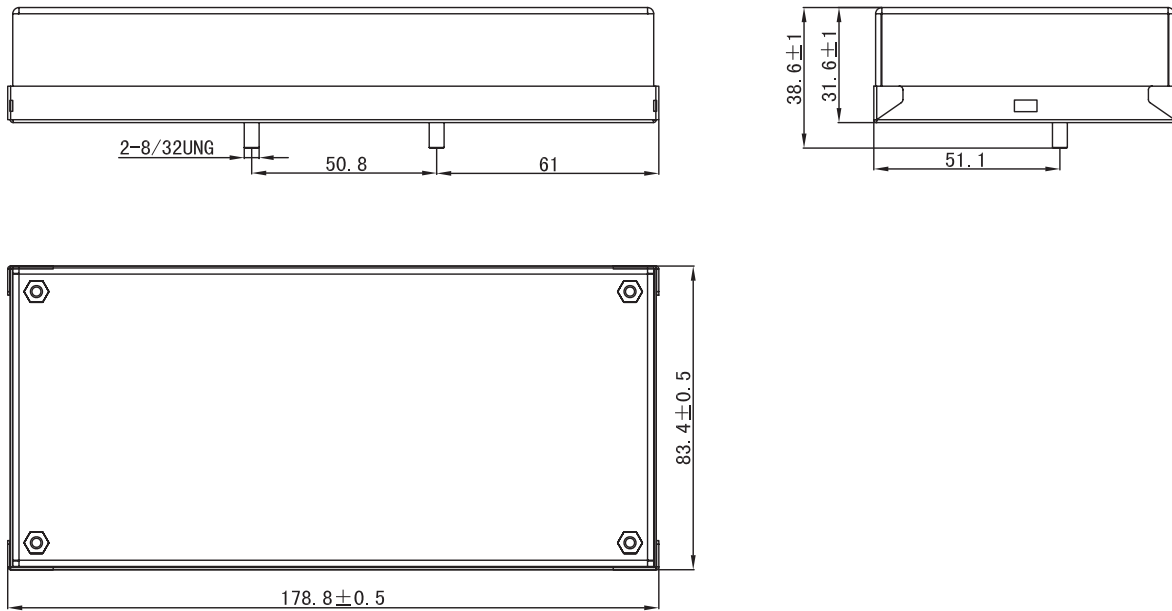
Environmental Specifications

Operating temperature	-25 ~+50℃
Storage temperature	-40 ~+85℃
Cooling method	Convection
Maximum case temperature	85℃
Life Time	50000 hours (at the case's temperature of 70℃)
Reference dimension	178.8 × 83.4 × 31.6 (mm) (LxWxH)

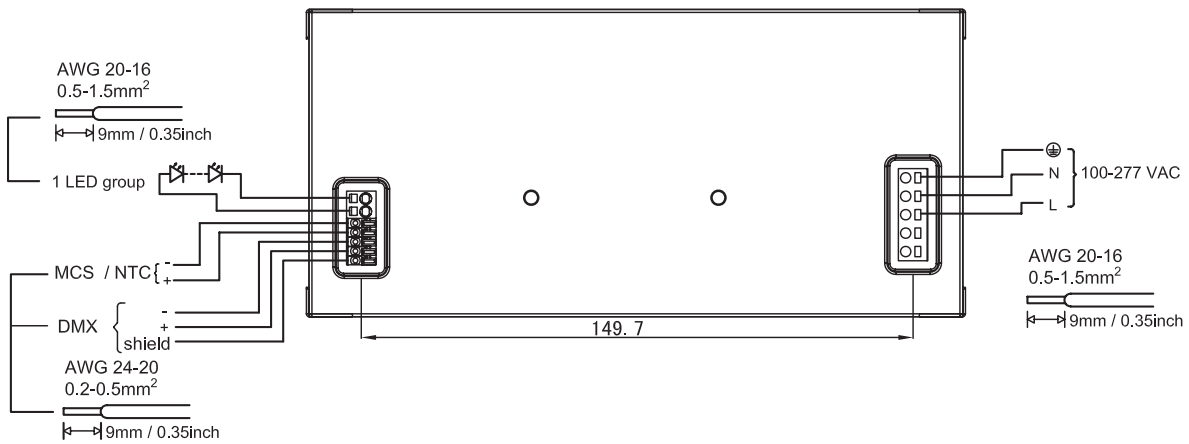
Safety & EMC Compliance

CUL	UL8750,UL1310
Withstand Voltage	I/P-O/P : 3.75KVAC , I/P-FG : 1.875KVAC, O/P-FG :0.5KVAC
CE	EN61347-1,EN61347-2-13
Conducted emissions	EN55015,FCC Part 15 ClassB
Radiated emissions	EN55015,FCC Part 15 ClassB
Surge immunity test	EN61000-4-5 (Surge: L-N 1KV ,L/N-Earth 2KV)
Harmonic current emission	EN61000-3-2
Electromagnetic immunity	EN61000-3-3;EN61000-4-2,3,4,5,6,8,11;EN61547

Mechanical Specification (mm)



Schematic Diagram



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
- 30W Intelligent Series

LED Driver
- Intelligent Series
- 40W Intelligent Series

LED Driver
- Intelligent Series
- 50W Intelligent Series

LED Driver
- Intelligent Series
- 96W Intelligent Series

LED Driver
- Intelligent Series
- Other Series

General Power Supplies
- MP Series

SPD

Appendix