MCHQ100V24-GE

LED Driver 24V/4,17A 100W CV, metal case, PFC, EU AC input (180-305VAC), IP67, non-adjustable

Features:

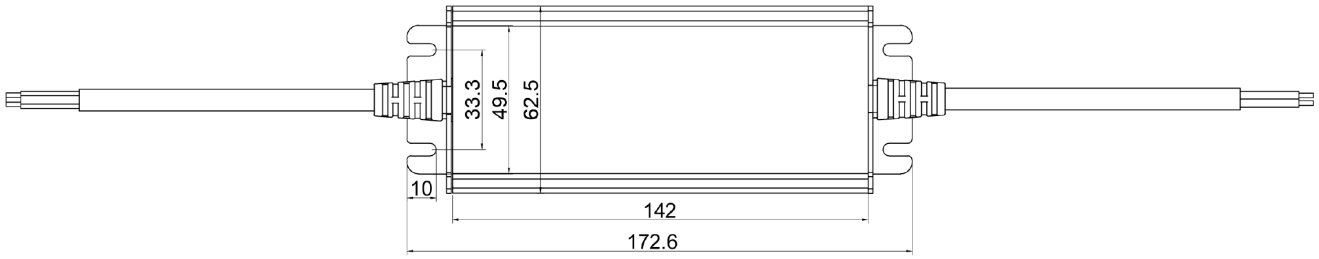
- European AC input / Full range(200-277VAC)
- Built-in active PFC function
- IP67, Metal Case
- Suitable for indoor and outdoor environment
- Protections: Short circuit / Over voltage / Over temperature
- Adopt metal shell and internal glue potting, can be used in dangerous situations
- Built in lightning protection device can meet the requirements of DM 4KV / CM 6kV
- Compliance to worldwide safety regulations for lighting
- 5 years warranty

ELECTRICAL SPECIFICATION

Product Type	LED Driver, Power supply
Output Voltage	24V DC
Rated Current	4.17 A
Power (W)	100 W
Dimming	No
Voltage Ripple & Noise (max.)	±2% @ Full load
Line Regulation	±1% Full Load
Load Regulation	±1%
Setup, Rise Time	300ms, 100ms
AC input voltage range	European
PFC	Yes
Protection class	I
Efficiency (typ.)	92% @ 230V AC
AC Current (typ.)	0.64A max
No Load Power Consumption (typ. / max.)	0.4W / 0.5 W 230V AC, no load
Inrush Current (typ.)	65 A, 230VAC, Cold Start

IP protection level	IP67
Leakage Current (max.)	max 0.7 mA 230 V AC, full load
Over Current / Overload protection	Type: auto-recovery.
Over Current / Overload protection (range)	150% rated load
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Voltage protection (range)	150% rated output voltage
Over Voltage protection	Type: shut down output voltage. Re-power on to recovery.
Over Temperature protection	Shut down o/p voltage, automatically recover after cooling
Working Temperature range	-40~+55℃
Working Humidity range	10 ÷ 90% RH non-condensing
Storage Temperature and Humidity	-40°C ÷ +85°C, 5 ÷ 95% RH non-condensing
Safety Standards	EN61347-1, EN 61347-2-13
Withstand Voltage	I/P-O/P: 3200VAC/5mA Max 60s, O/P-FG 1000V AC/5mA max 60s, I/P-FG 1600V AC/5mA max 60s
Isolation Resistance	≥10MΩ
EMC Emission	EN55015, EN62493:2015, EN61000-3-2 Class C
Harmonic Current	EN61000-3-2 Class C
Dimmensions (L x W x H)	173 x 63 x 38 mm
Weight (kg)	0.615
Packing	15 pcs/box
Warranty	5 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION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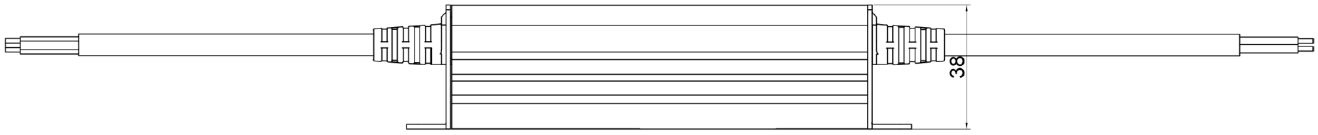
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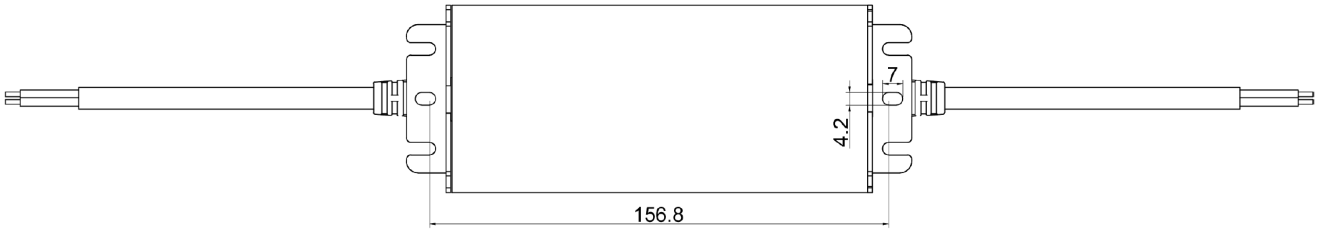
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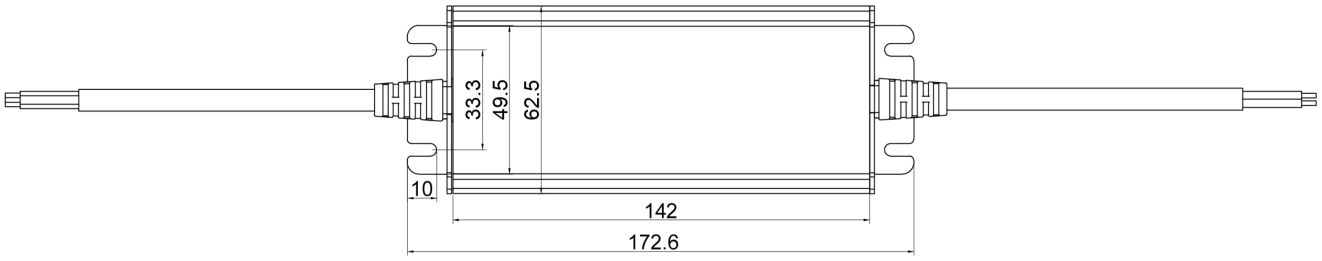
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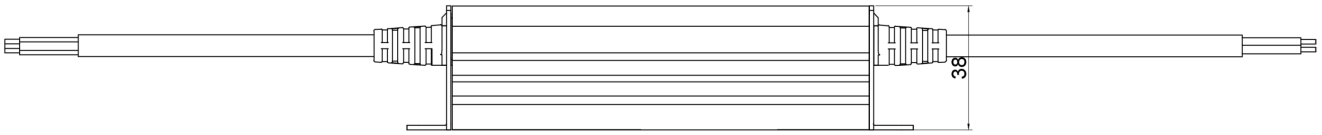
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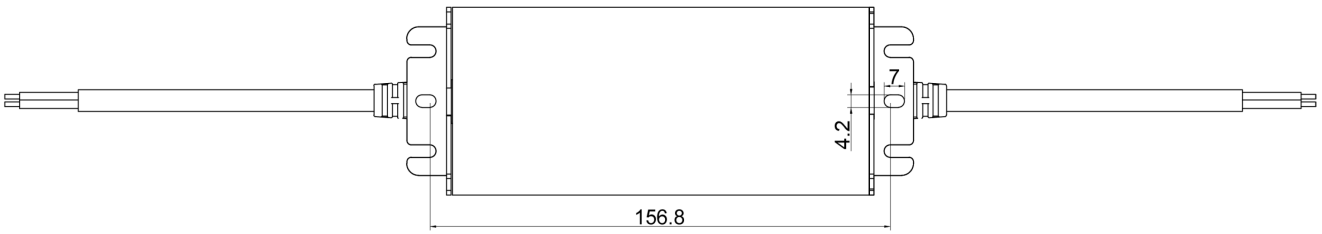
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