

MCHQ150V12-GE

LED Driver 12V/12.5A 150W 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 dry, humid and rainy 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	12V DC
Rated Current	12.5 A
Power (W)	150 W
Dimming	No
Voltage Ripple & Noise (max.)	±2% PK-PK @ 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.)	1 A max, 230VAC Full Load
No Load Power Consumption (typ. / max.)	0.28 W / 0.5 W
Inrush Current (typ.)	Cold Start 60A @ 230VAC
IP protection level	IP67
Leakage Current (max.)	≤0.75mA @ 277VAC
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	110 ÷ 170% 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	Type: shut down output voltage. Re-power on to recovery.
Working Temperature range	-40~+55°C
Working Humidity range	10%-90%RH
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)	193.6 x 62.5 x 38mm (dł. x szer. x wys.)
Weight (kg)	0.7
Packing	15szt./karton
Warranty	3 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION