

MCHQ350V12-GE

LED Driver 12V/25A 300W CV, metal case, PFC, EU AC input
(180-305VAC), IP67, non-adjustable



Features:

- European AC input (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 hazardous conditions
- 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	25 A
Power (W)	300
Dimming	No
Voltage Ripple & Noise (max.)	240 mV
Line Regulation	2%
Load Regulation	5%
Setup, Rise Time	<500ms
AC input voltage range	European
PFC	Yes
Protection class	I
Efficiency (typ.)	93%@full load
AC Current (typ.)	1.8A@230V
No Load Power Consumption (typ. / max.)	≤0.5W
Inrush Current (typ.)	85A@twidth=500us
IP protection level	IP67
Leakage Current (max.)	0.75mA@240VAC / 60Hz
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	110 ÷ 160%
Over Voltage protection	Type: hiccup mode, auto-recovery.

Over Temperature protection	Shut down o/p voltage, automatically recover after cooling
Working Temperature range	-40~+70℃
Working Humidity range	5%...85%RH, Not condensing
Storage Temperature and Humidity	-40℃ ÷ 80℃, 10 ÷ 85% RH non-condensing
Safety Standards	EN 61347-2-13, EN61347-1
Withstand Voltage	Input-Output:3000V/5mA/1min Input-gnd:1500V/5mA/1min
EMC Emission	EN61000-3-3, EN55015, EN61000-3-2, EN62493:2015, EN61000-3-2 Class C, EN62384
EMC Immunity	EN61547
Harmonic Current	EN61000-3-3, EN61000-3-2 Class C, EN61000-3-2
Dimmensions (L x W x H)	261× 62.5 × 41.4
Weight (kg)	1.4
Packing	10PCS/Carton
Warranty	5 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION

