

96W 12V/24V In-Door Constant Voltage LED Driver

Product Offering



Order part number:

ICV-AD-096W-12V-UN-F-20

ICV-AD-096W-24V-UN-F-20

Product Description:

- Constant voltage output
- Active power factor correction
- universal input voltage range
- Semi-potting with robust housing

Feature:

- High efficiency; PF > 0.9
- Reinforced insulation from input and output
- Cooling by free air convection
- Fully protected: Short circuit, input voltage surge, overvoltage protection

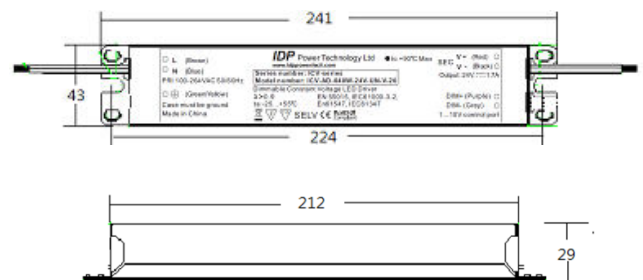
Technical Data

Rated supply voltage, AC	220-240 Vac, 50/60Hz
AC Voltage range, AC	100-264 Vac, 50/60Hz
Survive input range (for 30mins)	170-305 Vac, 50/60Hz
Rated current @230Vac	<0.5A
Leakage current @240Vac	<0.5mA@240Vac
Max. input power	115W
Typ. efficiency (at 230V 50Hz, full load)	Typ. 87%
Inrush current	<130A (T-width @100μs)
Typ. λ (at 230 V 50Hz, Full load)	>0.9
Typ. λ (at 230 V 50Hz, half. load)	>0.9
Output rated power	96W
Ambient temperature ta	-15 ... +60 °C
Max. Casing temperature tc	90 °C
Size (mm)	241x43x29
Weight	650g

Standard comply

EN55015; EN61000-3-2; EN61000-3-3; EN61547;
EN61347-1; EN61347-2-13;

Outlook (in mm):



Specific Technical Data

Order Part number	Max. output current	Output voltage	Ripple voltage
ICV-AD-100W-12V-UN-F-20	8000mA ⁽¹⁾	12Vdc (11.2-12.4Vdc)	<160mV
ICV-AD-100W-24V-UN-F-20	4000mA ⁽¹⁾	24Vdc(22.8-24.6Vdc)	<220mV

Remark:

(1) For detail specification, please refer to the "Technical Information".

Notes:

- Specifications may vary without notice
- Always consult local electrical codes
- Parameters are measured at rated output, rated load and at an ambient temperature of 25°C
- Expect slight variation including component tolerance, setup tolerance, line regulation and load regulation.
- Power supplies should always be stress tested and tested for EMC within specific fixture
- Where grounding/earthing is not indicated, avoid grounding/earthing or contact with grounded/earthed metal enclosures
- Performance with dimmers, where supported, may vary depending on dimmer model