

SPEC SHEET

LED Single Channel Driver 100W 12VDC

STVOFL10012D

- Universal AC Input/ Full Range
- Withstand 300VAC surge input for 5 seconds
- Protections: Short circuit / Overload/ Over Voltage
- Cooling by free air convection
- Miniature size and ultra low profile
- Compliance to IEC/EN 60335-1(PD3) and IEC/EN61558-1, 2-16 for household appliances
- High efficiency, Long life and high reliability



Description

LED Single Channel Driver is a 100W single-output enclosed type power supply with 30mm of low profile design. Adopting the full range 85-264 VAC input, it provides an output voltage line of 12V.

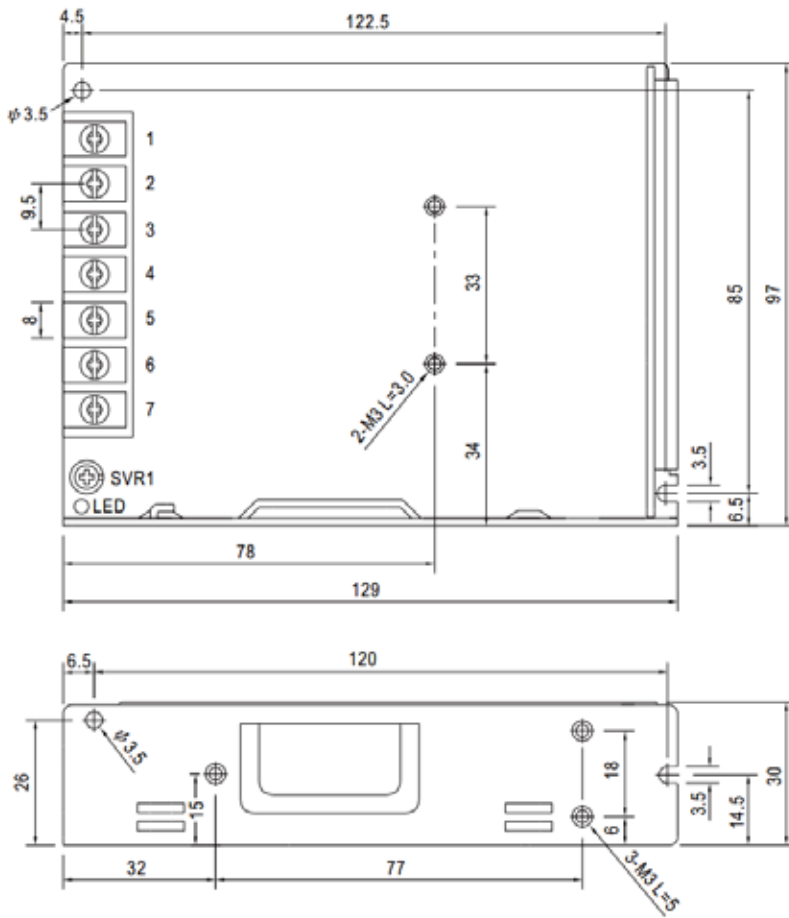
It has high efficiency up to 91%, the design of metallic mesh case enhances the heat dissipation of STVOFL10012D that the driver operates from -30°C through 70°C under air convection without a fan. Delivering an extremely low no load power consumption (less than 0.3W), it allows the end system to easily meet the worldwide energy requirement. It has the complete protection functions and 5G anti-vibration capability; it is complied with the international safety regulations. The driver serves as a high price-to-performance power supply solution for various industrial applications.

Specifics:

Input:	85-264VAC
Output:	12V 8.5A
Wattage:	100w
Voltage:	12v DC
# of Outputs:	1
Input Freq.:	47Hz to 63Hz
Size:	5.08"L x 3.82"W x 1.18"D
Power Method:	Hardwire



Mechanical Specification



Unit: mm

Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		

