

**α**  
**ALFA ELECTRONICS**

**Product Acknowledgment**

Customer Name: \_\_\_\_\_

Specification model: SP-AIDF0812A  
\_\_\_\_\_

Date: \_\_\_\_\_

Edit	Audit	Approval	Customer Confirmation

**Address :**

Sr.No. 37/3, Ajinkyatara Industrial Estate, Vadgaon Khurd, Sinhagad Road, Pune - 411041.

**Email :** [asmita@alfaelectronicsindia.com](mailto:asmita@alfaelectronicsindia.com) / [info@alfaelectronicsindia.com](mailto:info@alfaelectronicsindia.com)

**Contact :** +91 9623449905 / 9623002706 / 9850005320

### ③ Description:



- All protected model half aluminum housing, meet IP65 rating
- Protection type: open circuit, short circuit, overload
- Natural air cooling
- 100% full load aging test
- Low cost/high reliability
- Warranty period: 3years

## Input characteristic

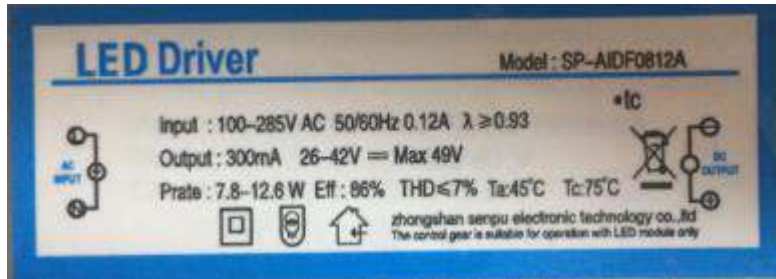
Input voltage and frequency	85-285V 50/60hz
Input current	65maAC220V Å
Power factor	0.95
Efficiency	86.73%
Total harmonic content ÅTHD Å	>7%

## Output characteristic

Output voltage	24-43V
Output current	300ma ±5%
Output current range	260-350ma
Floating voltage	50V ±1V
Precision of constant current	3%
Turn on Delay Time	0.5S
Ripple percentage	<20%

<b>Protection</b>	
No-load protection	When driver no-load can work normally
Input overvoltage protection	When the input exceeds 300V,the power will automatically stop work! Automatically start work after recovery
Lightning surge protection	>4KVA
Overload protection	The working voltage of the light source is beyond the scope of the output power, light blinking (burp protection)
Short-circuit protection	When the output short circuit, the power will protect, reduce the input power to milliwatts. The output separately power automatic working
<b>Work environment requirements</b>	
Working temperature/ humidity requirements	-30℃ to +45℃ 10%RH to 100%RH
Storage temperature/ humidity requirements	-40℃ to +85℃ 5%RH to 100%RH
Work surface temperature	Driver surface temperature<85℃
<b>Safety standard and electromagnetic compatibility</b>	
Certification mark	BIS
Certification standard	EN61347-2-13:2006 / IEC 61347-2-13 Ed.1.0
Electromagnetic compatibility	Not Applicable
Withstand voltage	3800V/30S
<b>Others</b>	
Overall dimensions	75MM*30MM*20MM Error range<1MM
<b>Remark</b>	
<b>1: This product has the function of constant current, can maximum limit to protect the light is not affected by the driver itself overshoot current</b>	
<b>2: The product output and completely isolated grid, the output voltage is safe.</b>	

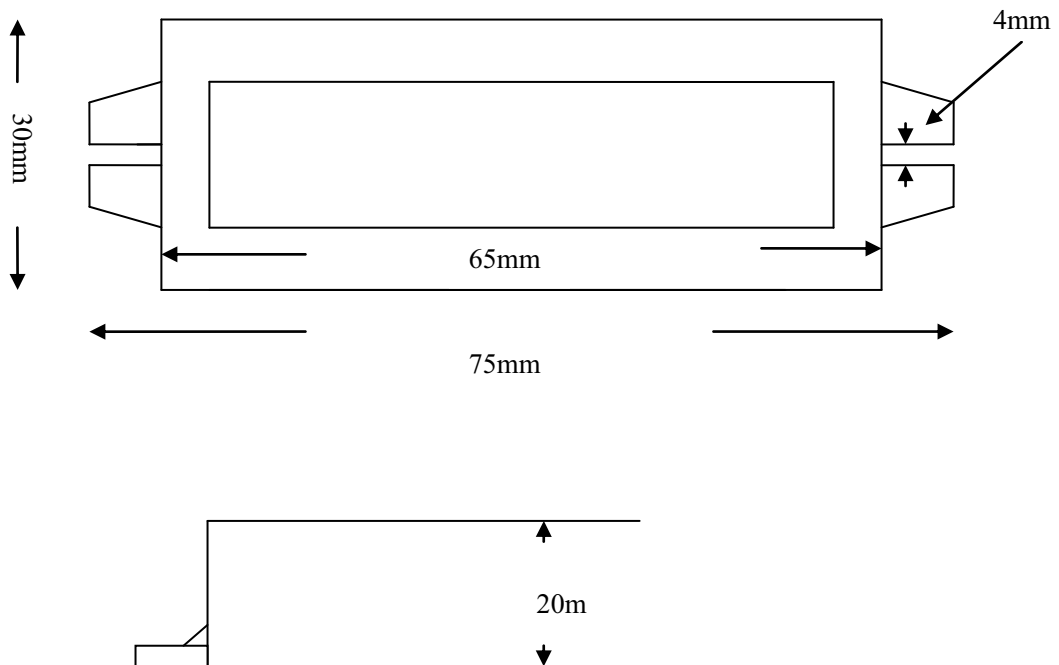
③ Nameplate:



③ Wiring diagram:



③ Installation size picture:



**\*End\***