

α
ALFA ELECTRONICS

Product Acknowledgment

Customer Name: _____

Specification model: SP-AIDF45-1050cc(6KV)

Date: _____

Edit	Audit	Approval	Customer Confirmation

Address :

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

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✦ 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: 5 years

Input characteristic

Input voltage and frequency	110-300V 50/60hz
Input current	240ma AC220V A
Power factor	0.97
Efficiency	90%
Total harmonic content THD A	>7%

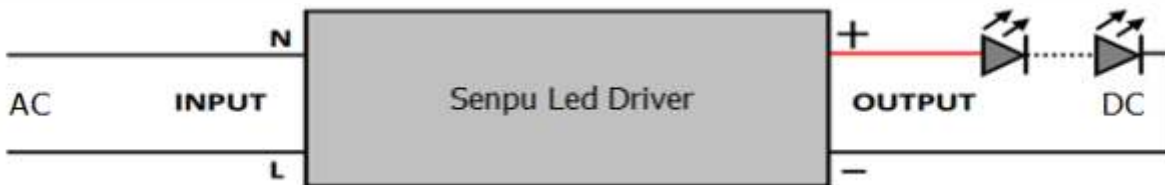
Output characteristic

Output voltage	34-47V
Output current	1050ma ±5%
Output current range	1050ma
Floating voltage	50V ±1V
Precision of constant current	3%
Turn on Delay Time	0.6S
Ripple percentage	<20%

Protection	
No-load protection	When driver no-load can work normally
Input overvoltage protection	When the driver input at 300V, the power will stop working. When the driver input is below, 110V, the diver will be protection condition.
Lightning surge protection	L-N 6KVA
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
Work environment requirements	
Working temperature/ humidity requirements	-40°C to +65°C 10%RH to 100%RH
Storage temperature/ humidity requirements	20°C to +85°C 5%RH to 100%RH
Work surface temperature	Driver surface temperature < 85°C
Safety standard and electromagnetic compatibility	
Certification mark	R-41074861
Certification standard	
Electromagnetic compatibility	Not Applicable
Withstand voltage	3800V/5S
Others	
Overall dimensions	116MM*36MM*28MM Error range < 1MM
Remark	
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	
2: The product output and completely isolated grid, the output voltage is safe.	

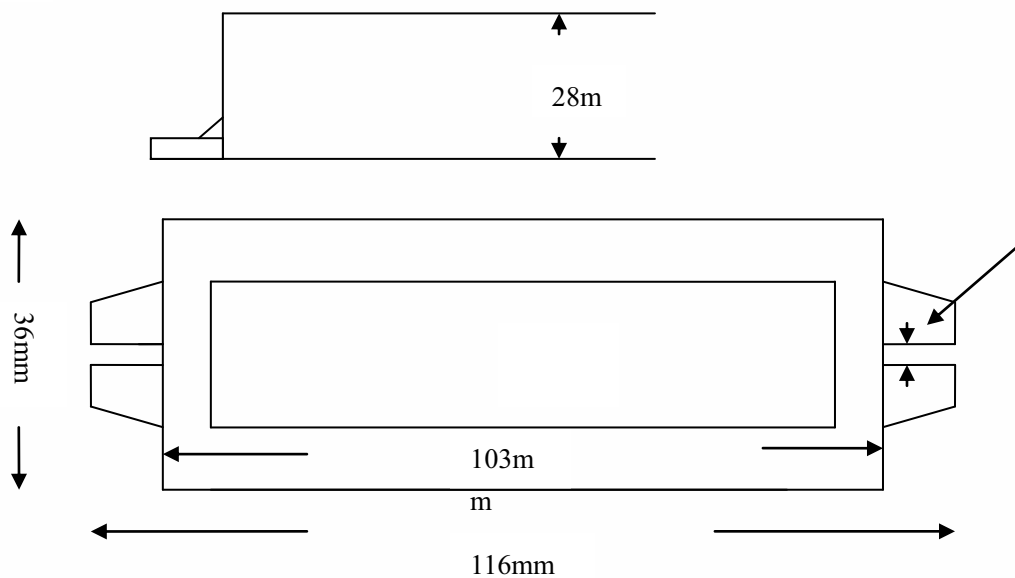
✦ **Nameplate:**

✦ **Wiring diagram:**



✦ **Installation size picture:**

5mm



End

Picture Show

