

Isolated Wide Voltage Input LED Driver (Constant Current)



- Wide Voltage Input:110 to 264VAC
- Surge:1.5kV
- Flicker-Free, External Isolation
- Ingress Protection:IP20
- Dimensions:96*36*25mm
- Warranty: 5 Years

Model Number	Output Current	Input Voltage	Output Voltage	Output Power	Efficiency	Power Factor
AAE20-C350	350mA	110-264V	30-58V	20W	88.0%	0.95

Product datasheet

Input Specifications

Parameter	Min.	Typ.	Max.	Notes
Input AC Voltage	110Vac	-	264 Vac	
Input Frequency	47 Hz	-	63 Hz	
Input AC Current	-	0.1A	-	230Vac, Full Load
PF	-	0.95	-	230Vac, Full Load
THD	-	10%	-	230Vac, Full Load

Output Specifications

Parameter	Min.	Typ.	Max.	Notes
Output Current Tolerance	-5%loset	-	5%loset	Full Load
Output ripple current	-	5%	-	@100Hz
No Load Output Voltage	-	-	80V	
Turn-on Delay Time	-	-	0.5s	Full Load@230Vac

Product datasheet

General Specification

Parameter	Min.	Typ.	Max.	Notes
Lifetime	-	50,000 Hours	-	Measured at 230Vac input, 100%load and 75°C case temperature; See lifetime vs. Tc urve for the details
Tc	-	-	+85°C	
Operating Temperature	-20°C	-	+45°C	
Storage Temperature	-20°C	-	+85°C	Humidity: 5%RH to 95%RH
Dimensions	-	96*36*25mm	-	
Net Weight	-	57g	-	

Safety&EMC Compliance

Safety	GB19510.1,GB19510.14; IEC61347-1, IEC61347-2-13; EN61347-1,EN61347-2-13,EN62384		
EMC	GB/T17743,GB17625. 1; EN55015,EN61000-3-2, EN61000-3-3,EN61547; EN61000-4-5		
ErP	Erp2.0 EU 2019/2020		
Surge	1.5kV	L/N acc to. EN 61547 Clause 5.7	
Withstanding Voltage	I/P-O/P: 3.75kV&5mA&60S		
Insulation Resistance	I/P-O/P:>100M2@500Vdc		
RoHS	RoHS(2011/65/EU) (EU)2015/863		

Product datasheet

Protection Functione

Overload Protection	-
Short Circuit Protection	Automatic reversible
Over Temperature Protection	-
No-load protection	<80V
Type of protection	IP20

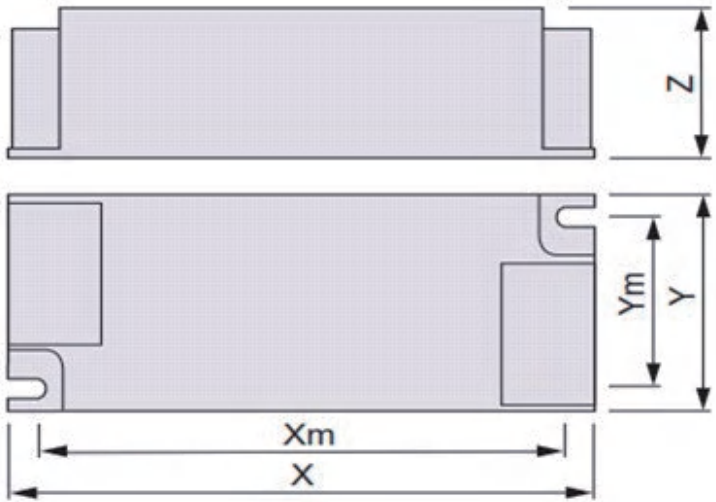
Note :

1.All parameters NOT specially mentioned are measured at 230VAC input, full load and 25°C of ambient temperature.

2.EL compatible with IEC 61347-2-13 Annex J, compatible with EN 60598-2-22 emergency lighting fixtures, compatible with EN 50172central battery system applications.

3.All Eadlerise power supoly are complied with EMI reaulations, Since they are belong to component and will be instaled inside systemenclosure. When they are integrated into a system, the EMI characteristics of the system must be re-verified again.

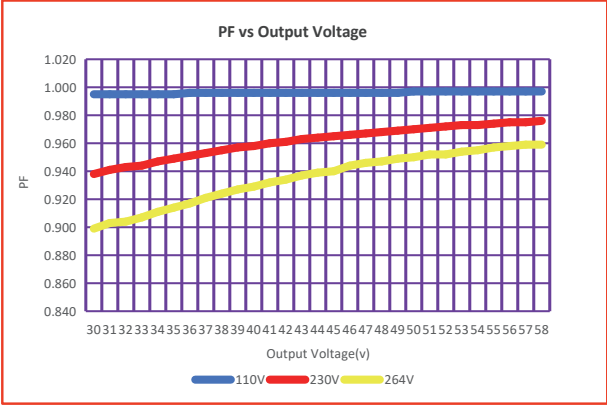
Exterior Dimensions (unit: mm)



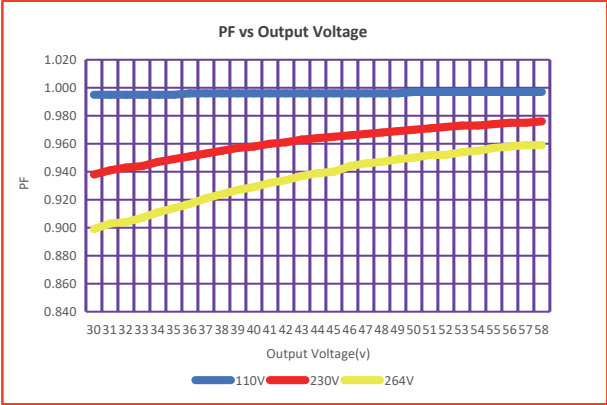
Symbol	Dimension	Tolerance
X	96	± 2
Xm	86	± 1
Y	36	± 2
Ym	24.3	± 1
Z	25	± 2

Electrical Curves

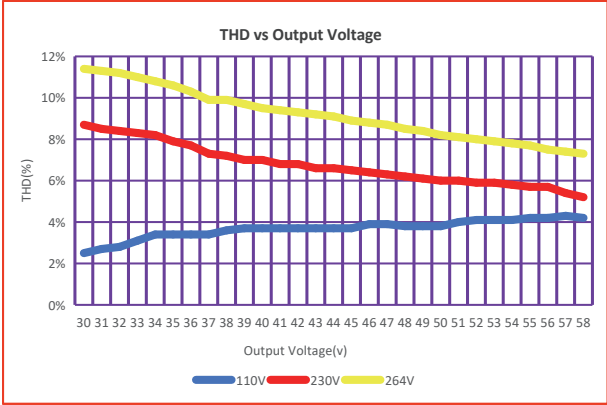
PF&Output Voltage



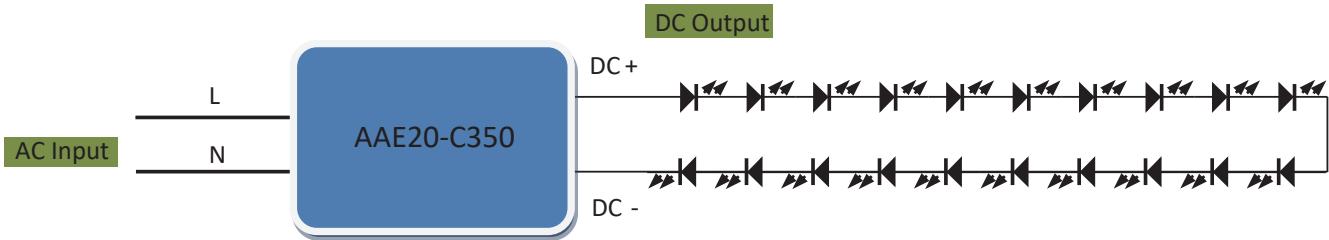
Eff&Output Voltage



THD&Output Voltage

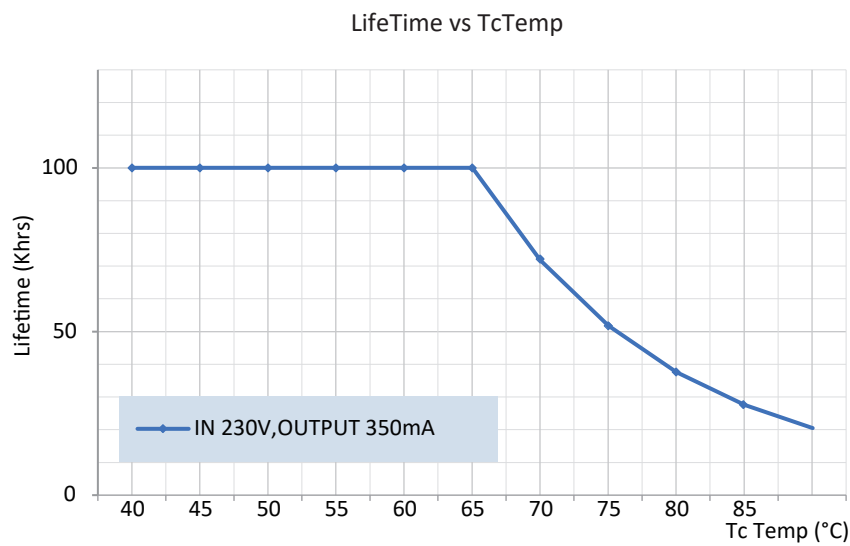


Wiring Method



Product datasheet

Life curve graph



Quantity per Package

Model	Carton size	Qty/carton	G.W
AAE20-C350	480*270*130mm	150PCS	9.5KG