

Dimmable LED Power Supply Constant Current Driver Series

- Nominal Voltage 220~240Vac
- Protections: short circuit | over voltage
- Power Factor: PF >0.9
- Efficiency >88%
- Leading edge / Trailing edge



Approval marks



Item	Value Unit Remarks
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1. Input

Nominal voltage	220~240 Vac
Variation Range	198 ~ 264 V
Nominal Frequency	50 / 60 Hz
Variation Frequency	50 / 60 Hz ±10 %
max input current	0.01 A (idle load input) 0.12 A (full load input)


2. Output

The output characteristic form	
Over voltage Protection	auto recovered
Over current Protection	auto recovered
Short circuit Protection	auto recovered
Over Temperature protection	auto recovered

3. Environment

Operating Temperature	-20°C to 50°C
Relative Humidity	5%(-20°C)~90%(50°C)RH, 72Hrs,Full load, Normal operating
Storage Temperature	-40°C to 85°C with Enclosure
Axes,10 cycles per axis	No permanent damage may occur during testing. The product will restore to its original situation after power off / on.
Dropping	1 corner,3 edges, and 6 surfaces, Height: 80cm
Hi-Pot	Primary to secondary, 3.75KVAC/min Primary to Case, 3.75KVAC/min
Leakage Current	<0.5mA
Expected Lifetime	30,000hrs @ tc = 85°C, B10
	50,000hrs @ tc = 75°C, B10

4. Safety & EMI

Safety standards (can fulfill)	
Dielectric Strength (Hi-Pot)	Primary to secondary, 3.75KVAC/min Primary to case, 3.75KVAC/min
EMI standards	Meets the Limits of EN55015 CLASS C

5. Output Characteristics

Model	Output Voltage	Max. Load	Total Power	Output Power
AW02-350F15	35-56V Max68V	350 mA \pm 5%	23W	20W
AW02-600F15	12-21V Max35V	600 mA \pm 5%	15W	13W
AW02-500F18	20-32V Max45V	500 mA \pm 5%	19W	16W
AW02-700F18	12-21V Max35V	700 mA \pm 5%	18W	15W
AW02-350F20	52-70V Max80V	350 mA \pm 5%	29W	25W
AW02-600F22	20-32V Max45V	600 mA \pm 5%	23W	20W
AW02-500F24	26-42V Max55V	500 mA \pm 5%	25W	21W
AW02-700F27	20-42V Max45V	700 mA \pm 5%	27W	23W

AW02-xxxFxx

6. Mechanical Requirement

6.1 Enclosure

The power supply size:: 126*43*21mm

6.2 Input Connector:

Two pin input plug of VDE

7. Product Picture

FO MODEL NO: AW02-350F15 AW02-600F15
 AW02-500F18 AW02-700F18 AW02-350F20
 AW02-600F22 AW02-500F24 AW02-700F27

