



Dimensions:170(L)x69(W)x42(H)mm

Features:

- Convection cooled
- RoHS compliance
- 3 - year warranty
- Constant current control
- Over voltage protection
- IP54 protection
- Short circuit protection
- Over current protection
- Adjustable constant current level (-25%~+0%)

General Specifications

INPUT

Input voltage.....100~240VAC
 Input frequency47~400Hz
 Inrush current22A/110VAC
 (Cold start) 44A/220VAC

OUTPUT

Temp. Coefficient± 0.04% / °C
 Overvoltage protectionAutorecovery
 Overload protection Current limited
 Short circuit protection..... Autorecovery
 Transient response. .. (Load change 50% to 100%)
 Voltage deviation5%
 Recovery time2mS

EMC STANDARDS

EN 55011	Class B
EN 55022	Class B
EN 61000-4-2	Level 3
EN 61000-4-3	Level 3
EN 61000-4-4	Level 3
EN 61000-4-5	Level 3
EN 61000-4-6	Level 3
EN 61000-4-8	Level 3
EN 61000-4-11	Level 3

SAFETY STANDARDS



UL 1310 (Meet)

EN60950 (Meet)

ENVIRONMENTAL

Operating temperature: -20°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
 Operating humidity: Non-condensing, 5% ~ 95%RH.
 Vibration: Random vibration, 10Hz ~ 2KHz, 3axis.
 MTBF: 100,000hrs Min. Per MIL-HDBK-217F, 25°C GB.

Output Specifications

Model	O/P Range (V)	Loading (A)			Ripple Noise	Line Reg.	Load Reg.	Efficiency	Overvoltage Protection
		Min.	Rated	Max.					
AE1060L-10F	5~10VDC	0A	6A	6A	100mVp-p	±1%	±1%	75%	12.5~14VDC
AE1060L-15F	8~15VDC	0A	4A	4A	150mVp-p	±1%	±1%	78%	18~20VDC
AE1060L-20F	11~20VDC	0A	3A	3A	150mVp-p	±1%	±1%	78%	24~28VDC
AE1060L-24F	13~24VDC	0A	2.5A	2.5A	150mVp-p	±1%	±1%	80%	27~30VDC
AE1060L-30F	16~30VDC	0A	2A	2A	150mVp-p	±1%	±1%	80%	38~43VDC

- NOTE:**
1. Each output can supply up to maximum current, but total loading can not exceed rated output wattage.
 2. Line regulation is measured from low line to high line at rated load.
 3. Load regulation is measured from 20% to 100% of rated load at 230VAC input.
 4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 230VAC input.
 5. Efficiency is measured at rated load and 230VAC input.
 6. Hold-up time is measured at rated load and 230VAC input.

Mechanical Details

