

AD11KOM-160H
1000Watts, Single Output, High Peak Current



Dimensions:110(D)x157.5(W)x110(H)mm

Features:

- High power density
- Build-in cooling fan
- RoHS compliance
- 3 - year warranty
- Great reliability
- DIN rail / Wall bracket mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Built-in O-ring diode
- Built-in CEMF damper
- High peak current

General Specifications

INPUT

Input voltage.....230VAC±15% selectable
Input frequency47~63Hz
Inrush current22A/115VAC
(Cold start) . 44A/230VAC

EMC STANDARDS

EN 55011	Class A
EN 55022	Class A
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

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 ~ 100Hz, 3axis.
MTBF: 60,000hrs Min. Per MIL-HDBK-217F, 25°C GB.

OUTPUT

Hold-up time (Full load@230VAC).....20mS Min.
Temp. Coefficient±0.04% / °C
Over voltage protectionAutorecovery
Overload protection Power limited
Short circuit protection..... Autorecovery
Transient response. .. (Load change 50% to 100%)
Voltage deviation10%
Recovery time10mS

SAFETY STANDARDS

	EN 60950 (Marking)
	UL 508 (Meet) CSA 22.2 (Meet)

Output Specifications

Model	O/P voltage Adjustment	Loading (A)			Ripple Noise	Line Reg.	Load Reg.	Efficiency	Over voltage Protection
		Min.	Rated	Peak					
AD11K0-160H	+160VDC±3%	0A	6A	10A	1.6Vp-p	±1%	±3%	85%	190~210VDC

- 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.

Mechanical Details

