

Dimensions: 139.5(L)x80(W)x40.5(H)mm

Features:

- High power density
- Universal input range
- Convection cooled
- RoHS compliance
- 3 - year warranty
- Great reliability
- Over voltage protection
- Over current protection
- Short circuit protection
- Adjustable 3~30VDC output

General Specifications

INPUT

Input voltage.....100~240VAC
 Input frequency47~400Hz
 Inrush current22A/115VAC
 (Cold start) 44A/230VAC



OUTPUT

Hold-up time (Full load@230VAC).....16mS Min.
 Temp. Coefficient±0.04% / °C
 Over voltage protectionAutorecovery
 Over current 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

	EN60950 (Marking)
	UL 60950 (Meet) CSA 22.2 (Meet)

ENVIRONMENTAL

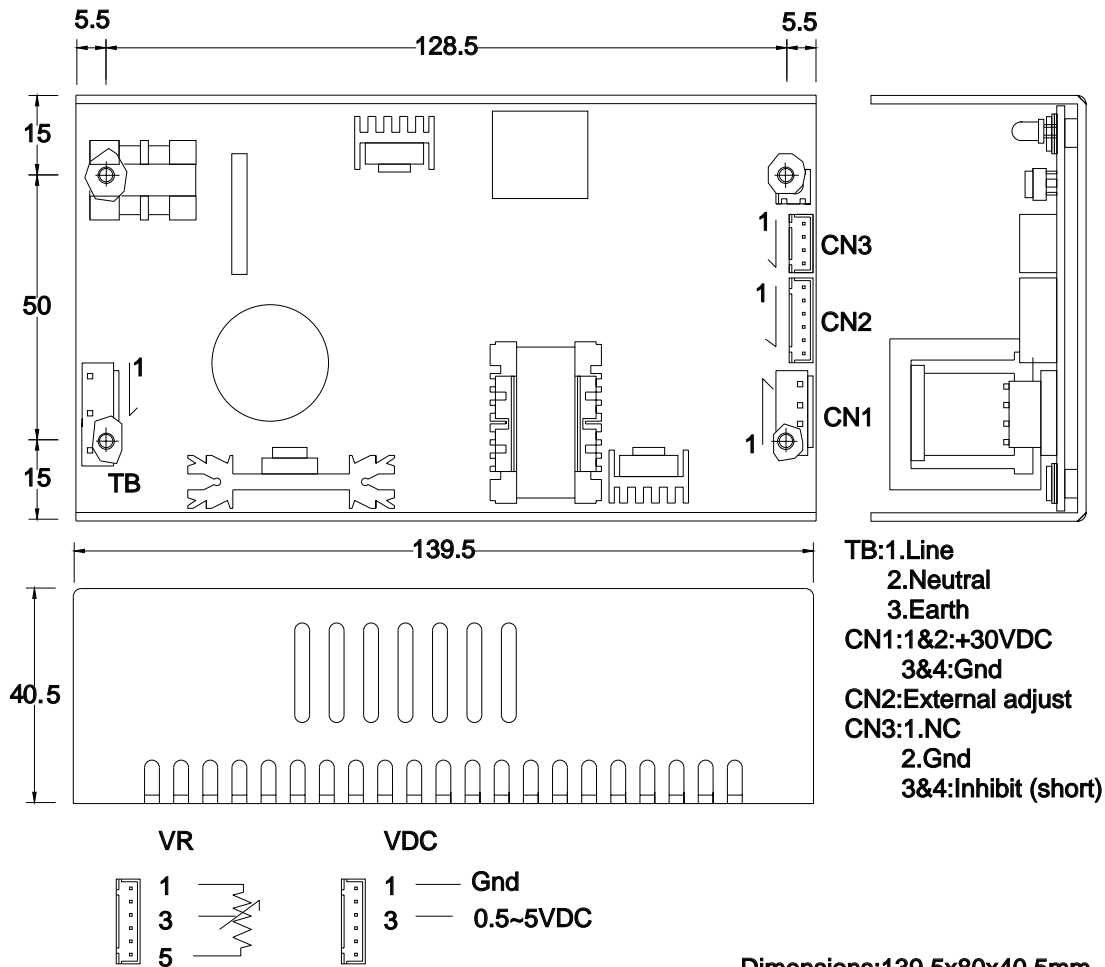
Operating temperature: -20°C ~ 50°C ambient, derating each output at 2.5% per degree from 50°C to 70°C
Operating humidity: Non-condensing, 5% ~ 95%RH.
Vibration: Random vibration, 10Hz ~ 100Hz, 3axis.
MTBF: 50,000hrs Min. Per MIL-HDBK-217F, 25°C GB.

Output Specifications

Model	O/P voltage Adjustment	Loading (A)			Ripple Noise	Line Reg.	Load Reg.	Efficiency	Over voltage Protection
		Min.	Rated	Max.					
AU1060A-30F	+3~30VDC	0A	2A	2A	250mVp-p	± 1%	± 1%	75%	120% Max.
AU1090A-30F	+3~30VDC	0A	3A	3A	250mVp-p	± 1%	± 1%	78%	120% Max.

- 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
 7. Adjustable output range 2~30VDC is setting at gradient of 5VDC/1VDC via external 0.3~5VDC signal.

Mechanical Details



Connection of external adjustment