



Dimensions: 160(L)x95(W)x38(H)mm

Features:

- High power density
- Universal input range
- Convection cooled
- 2 - year warranty
- Multiple mounting solution
- Over voltage protection
- Overload protection
- Short circuit protection
- Battery reverse polarity protection

General Specifications

INPUT

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

EMC STANDARDS

EN 55011	Class A
EN 55022	Class A
EN61000-3-2	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 ~ 45°C ambient, derating each output at 2.5% per degree from 45°C to 60°C

Operating humidity: Non-condensing, 5% ~ 95%RH.

Vibration: Random vibration, 10Hz ~ 2KHz, 3axise.

MTBF: 100,000hrs Min. Per MIL-HDBK-217F, 25°C GB.

OUTPUT

Hold-up time (Full load@230VAC).....16mS Min.
 Temp. Coefficient±0.04% / °C
 Overvoltage protectionAutorecovery
 Overload protection Power limited
 Short circuit protection..... Autorecovery
 Transient response. .. (Load change 50% to 100%)
 Voltage deviation5%
 Recovery time2mS

SAFETY STANDARDS



EN 60950 (Meet)

UL 60950 (Meet)

Output Specifications

Model	O/P voltage Adjustment	Loading (A)			Ripple Noise	Line Reg.	Load Reg.	Efficiency	Overvoltage Protection
		Min.	Rated	Max.					
AE2060C6F	+27.6VDC±10%	0A	2.0A	2.0A	200mVp-p	±1%	±1%	78%	32~36VDC
	+26.6VDC ----	0A	0.16A	0.16A	200mVp-p	±3%	-----		

Back-up functions:

1. Back-up: External battery supply back-up power source to DC output while AC failed.
2. Battery low voltage protection: For protect battery over-discharge and system stable, AE2060C6F will cut off battery source while battery voltage under 20.5V.
3. Alarm Signal: 1A relay dry contact, Short while AC supplying and open while AC failed.

- 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

