



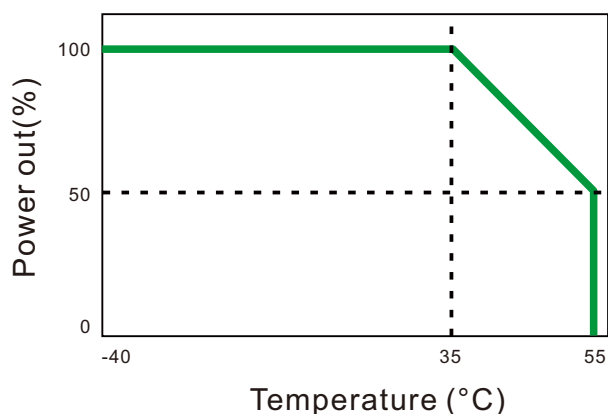
Specification

General		
Isolation Resistance		100M Ω when Input-Output @500VDC
Operating Temperature		-40°C~35°C ambient
Derating		2.5% per degree from 35°C to 55°C
Storage Temperature		-40°C to +85°C
Relative Humidity		5%~95% RH, Non-condensing.
Temperature Coefficient		$\pm 0.04\%$ of output voltage per °C
MTBF		60,000hrs Min. Per MIL-HDBK-217F, 25°C GB
Altitude During Operation		2000m
Vibration		Random vibration, 10~500Hz, 3 axise
Input		
Input Voltage		100~240VAC/120~370VDC
Input Frequency		47~63 Hz
Inrush Current (cold start)		22A/115VAC 44A/230VAC
Rated Input Current		1.5A Max., $V_i=100\sim 240VAC$
Leakage Current		Input-output 0.25mA, Input-FG 3.5mA
Output		
Output Voltage accuracy		$\pm 1\%$
Minimum Load		0%
Line Regulation		See model list, measuring from low line to high line at rated load.
Load Regulation		See model list, measuring from 20% to 100% of rated load at 230VAC input.
Voltage Trim Range		$\pm 10\%$
Rated Continuous Loading		See model list
Hold Up Time		35mS Min., Full load@230VAC.
Turn On Time		350ms
Rise Time		10ms
Fall Time		25mS
Transient Response	Recovery Time	2mS, Load change 50% to 100%
	Voltage Deviation	5%, Load change 50% to 100%
Efficiency		See model list, measuring at rated load and 230VAC input.
Ripple and Noise		See model list, measuring by using a 0.1 μ F/630V metalize capacitor and a 47 μ F electrolytic capacitor parallel on the test point, at rated load and 230VAC input.

Specification

Protection	
Input Fuse	2A/250V
Internal Surge Load Protection	Varistor, IEC 61000-4-5
Degree of Protection	IP20
Short Circuit Protection	Autorecovery
Over Voltage Protection	Autorecovery
Rated Over Load Protection	110~150 %
Overload protection	Power limited
Battery low voltage protection	For protect battery over-discharge and system stable, AE2055CF Series will cut off battery source
Additional Functions	
Back-up	External battery supply back-up power source for keeping DC output stable while AC failed
AC input indicator	connector for external LED, output current is limited at 10mA

Derating Curve



Mechanical Details

