

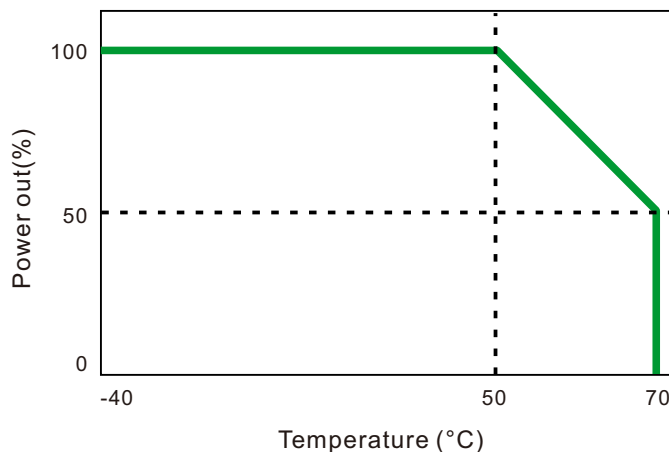
Specification

General		
Switching Frequency		67k Hz
Isolation Voltage	Input-Output	3000 VAC/4242 VDC
	Input-FG	1500 VAC/2121 VDC
	Output-FG	500 VAC/710 VDC
Isolation Resistance		100MΩ when Input-Output @500VDC
Operating Temperature		-40°C ~50°C ambient
Derating		2.5% per degree from 50°C to 70°C
Storage Temperature		-40°C to +85°C
Relative Humidity		5%~95% RH, Non-condensing.
Temperature Coefficient		±0.04% of output voltage per °C
MTBF		85,000hrs Min. Per MIL-HDBK-217F, 25°C GB
Altitude During Operation		2000m
Installation position		Vertical
Vibration		Random vibration, 10~500Hz, 3 axise
Input		
Input Voltage		100~240VAC/120~370VDC
Input Frequency		47~400 Hz
Inrush Current (cold start)		22A/115VAC 44A/230VAC
Rated Input Current		1.8A Max., Vi=100~240VAC
Leakage Current		Input-output 0.25mA, Input-FG 3mA
Output		
Output Voltage accuracy		±1%
Minimum Load		0
Line Regulation		±1%, measuring from low line to high line at rated load.
Load Regulation		±1%, measuring from 20% to 100% of rated load at 230VAC input.
Voltage Trim Range		±10%
Rated Continuous Loading		See model list
Hold Up Time		25mS Min., Full load@230VAC.
Turn On Time		330mS
Rise Time		10mS
Fall Time		25mS
Transient Response	Recovery Time	500uS, Load change 50% to 100%
	Voltage Deviation	5%, Load change 50% to 100%

Specification

Output	
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.
Protection	
Input Fuse	2A/250V
Internal Surge Load Protection	Varistor, IEC 61000-4-5
Short Circuit Protection	Autorecovery
Over Voltage Protection	Autorecovery
Rated Over Load Protection	110~150%
Overload protection	Power limited

Derating Curve



Mechanical Details

