

FEATURES:

- Universal Input 90~264VAC
- Efficiency at 90% Typical
- Protection: Short Circuit /Overload/
Over voltage/ Over temperature
- Meet EMI EN55032 & EMS EN55024 standard
- Power Factor Correction
- No load power consumption<0.5W
- ROHS Compliant

Specifications typical at TA=25°C, nominal input voltage and rated output current unless otherwise specified

Part Number	Output Wattage	Output Voltage	Output Current		Ripple & Noise(note1)	Efficiency
	(W)	(V)	(mA)(min)	(mA)(max)	(mV) max	%(TYP)
GB150-S24C01	150	Vo=+24.0	0	6250	250	90

Input Specifications

Parameters	Conditions		Min	Typ	Max	Units
Rated input voltage	Vo,lo nom			100-240		Vac
Voltage Range	Vo,lo nom	AC in	90		264	Vac
		DC in	127		370	Vdc
Frequency			47	50/60	63	Hz
Input Current	Vo,lo nom				2.0	A
Inrush Current	At 115Vac				40	A
	At 230Vac				70	A
Input Fuse	VDE/UL/CCC FUSE 3.15A/250V					
Power Factor	PF> 0.95 / 230Vac PF> 0.98 / 115Vac at full load					

Output Specifications

Parameters	Conditions		Min	Typ	Max	Units
Output Voltage Accuracy	Vi nom,lo nom	Vo			±2	%
Minimum Load	Vi nom		0			
Line Regulation	lo nom,Vi min...Vi max			±0.5		%
Load Regulation	Vi nom, lo min...lo nom	Vo		±1.0		%
Protection	Overload		105% -150% rated output power. Protection type:Shut off o/p voltage, re-power on to recover			
	Over Voltage		115%-150% rated output Voltage Protection type:Shut off o/p voltage, re-power on to recover			
	Short circuit		Protection type:Hiccup mode,recovers automatically after fault condition is removed			
	Over temperature		Protection type:Shut off o/p voltage, re-power on to recover			

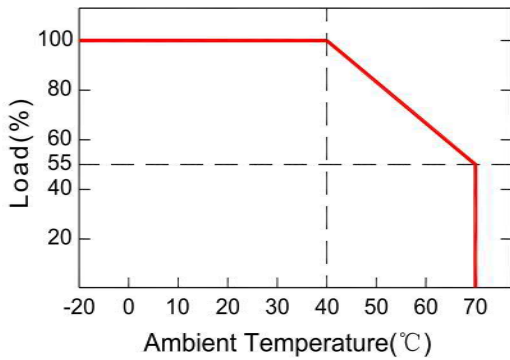
Note. 1. Ripple & noise is measured by using 20 MHz bandwidth, measured with a 47uf paralleled with a high-frequency 0.47uf capacitor across each output by full load.

DESCRIPTION:

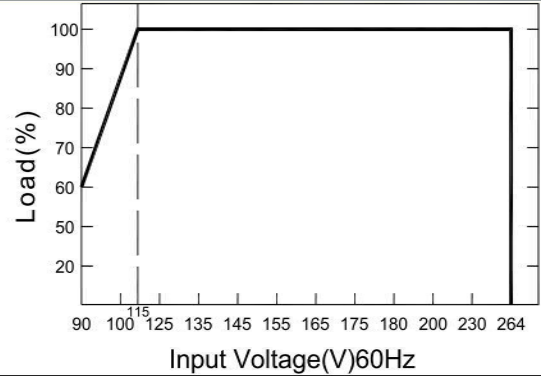
General Specifications

Parameters	Conditions	Min	Typ	Max	Units
MTBF	MIL-HDBK-217F(25°C)	100,000			Hrs
Isolation Voltage	Input To Output	3000V AC 5mA/5Secs			
	Input To Ground	2000V AC 5mA/5Secs			
	Output To Ground	500V AC 5mA/5Secs			
Safety Standards	Design refer to UL62368-1,IEC62368-1				
Size		127x76.2x35.56			mm
Weight			345		g
Operating Temperature	With Derating	-20		+70	°C
Storage Temperature		-45		+85	°C

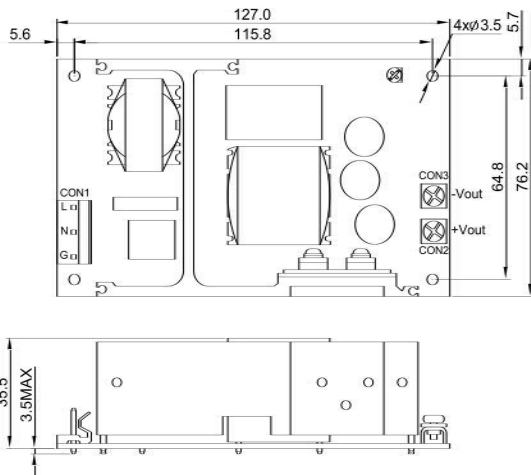
Temperature Derating Graph



Output Derating VS Input Voltage



Markings and dimensions



Notes:

- 1.Input connector mates with Molex housing 09-50-3051 and Molex 2478 series crimp terminal.
- 2.M4 Pan HD screw in 2 positions Torque to 8 lbs-in(90cNm)max.

CON1	Models
1	ACL
2	NO PIN
3	ACN
4	NO PIN
5	FG
CON2	
1	+Vout
CON3	
1	-Vout

UNIT: mm Unless otherwise specified, all tolerances are ± 0.50