

FEATURES:

- Universal Input 90~264VAC
- Efficiency at 75% Typical
- Protection: Short Circuit /Overload/Over Voltage
- Fully Encapsulated Plastic Case
- Internal Input Filter
- 2 Years Warranty •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)
GA005-S05C01	5	Vo=+5.0	0	1000	100	75

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	120		370	Vdc
Frequency			47	50/60	63	Hz
Input Current	Vo,lo nom				0.15	A
Inrush Current	At 115Vac				10	A
	At 230Vac				20	A
Input Current(Full load)	110mA Max.(115Vac) 70mA Max.(230Vac)					
Input Fuse	VDE/UL/CCC FUSE 2.5A/250V(Slow blow)					

Output Specifications

Parameters	Conditions		Min	Typ	Max	Units
Output Voltage Accuracy	Vi nom,lo nom	Vo			±3	%
Minimum Load	Vi nom		0			
Line Regulation	lo nom,Vi min...Vi max			±1		%
Load Regulation	Vi nom, lo min...lo nom	Vo		±2		%
Transient Recovery time	Vi nom,lo nom = ↔0.5 lo nom			1,000		uS
Protection	Overload		Above 110% rated output power			
			Protection type: Recovers automatically after fault condition is removed			
	Over Voltage		120%-150% rated output Voltage			
			Protection type: Zener diode clamp			
	Short circuit		Recovers automatically after fault condition is removed			

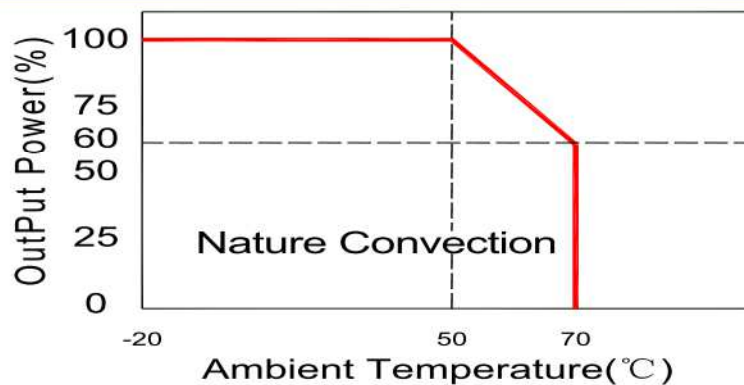
Note. 1. Ripple & noise is measured by using 20 MHz bandwidth, measured with a 47uf paralleled with a high-frequency 0.47uf capacitor across each output by full load.

DESCRIPTION:

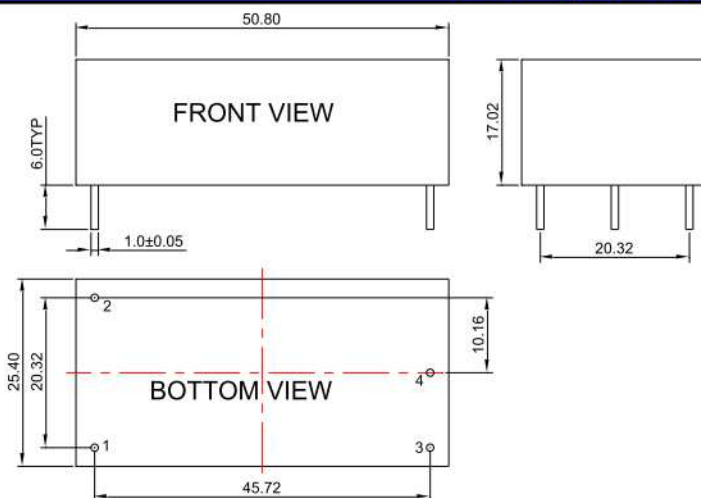
General Specifications

Parameters	Conditions	Min	Typ	Max	Units
Switching Frequency	Vi nom,lo nom		65		KHz
Isolation Voltage	Input / Output	3KVac/ 5mA/5Secs			
Isolation Resistance	Input / Output,@500 Vdc	100			MΩ
Operating Temperature	Operating at Vi nom,lo nom	-20		+70	°C
Derating	Vi nom,lo nom+51 to 71°C			2	%/°C
Storage Temperature	Non Operational	-40		+85	°C
Relative Humidity@40°C	Vi nom,lo nom			95	% RH
Safety Standards	EN62368-1/UL60950-1approved				
EMI Conduction & Radiation	Design refer to EN55032				
EMS Immunity	Design refer to EN55024				
Dimension	L50.80x W25.40 x H17.02				mm
Cooling	Free air convection				

Temperature Derating Graph



Markings and dimensions



PIN	Model
1	ACN
2	ACL
3	+Vo
4	-Vo

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

1. Weight:40grams/pcs
2. outer carton unit : 180pcs/box
3. Weight: 9.0kg per carton

