

6Watt,Single Output,AC-DC Power Module Converter

FEATURES:

- Universal Input 90~264VAC
- Efficiency at 82% Typical
- Protection: Short Circuit /Overload/Over Voltage
- Fully Encapsulated Plastic Case
- Internal Input Filter
- 2 Years Warranty ●ROHS Compliant

GA005 - $\frac{S}{A} \frac{24}{B} \frac{C}{C}$

A:Series

B:Single Output

C:Output Voltage 

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-S24C01	6	Vo=+24.0	0	250	240	82

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			±2	%
Minimum Load	Vi nom	0			
Line Regulation	Io nom,Vi min...Vi max		±1		%
Load Regulation	Vi nom, Io min...Io nom Vo		±2		%
Transient Recovery time	Vi nom,Io nom = ↔0.5 Io 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:

Rev. 1.0

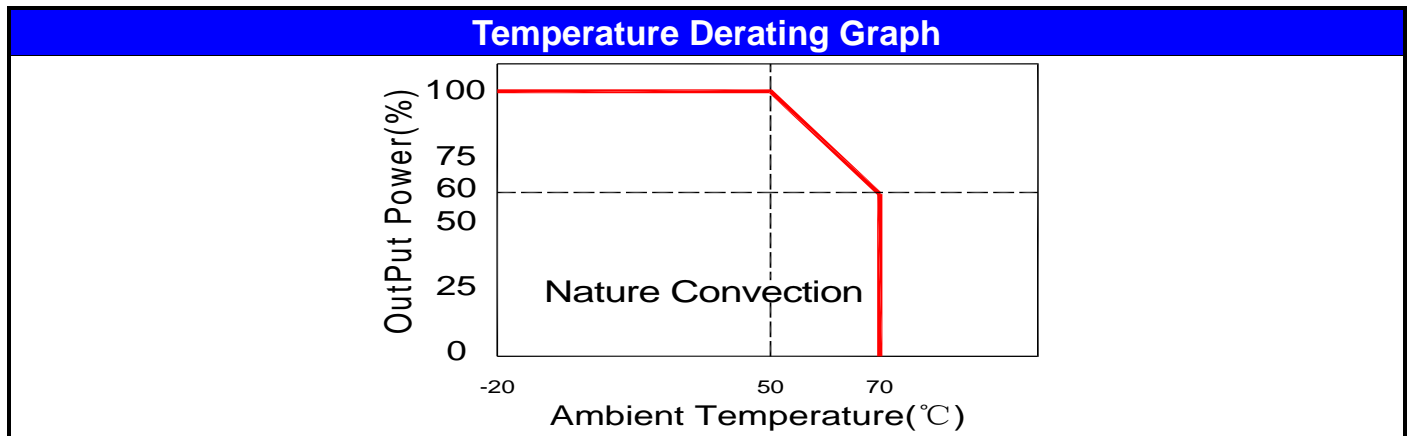
AP'PD:Zhu ShiYang

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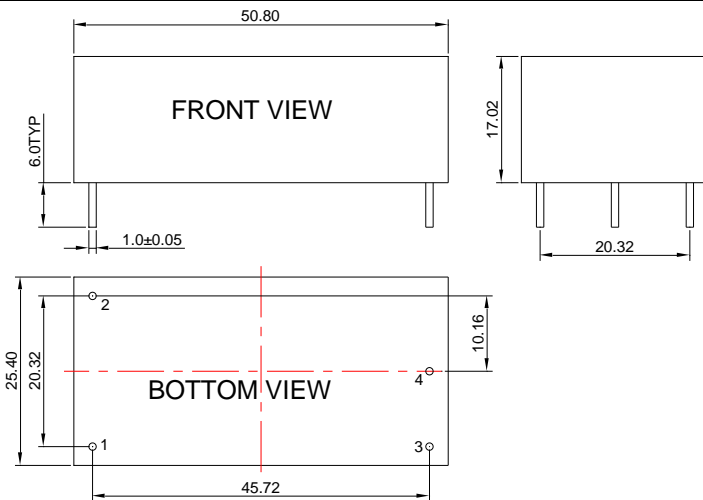
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General Specifications					
Parameters	Conditions	Min	Typ	Max	Units
Switching Frequency	Vi nom,lo nom		65		KHz
Isolation Voltage	Input / Output	3KVac/ 5mA/5Secs			
Isolation Resistance	Input / Output,@500 Vdc	100			MΩ
Operating Temperature	Operating 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, UL60950-1 approved				
EMI Conduction & Radiation	Compliance to EN55032				
EMS Immunity	Compliance to EN55024				
Dimension	L50.80x W25.40 x H17.02				mm
Cooling	Free air convection				



Markings and dimensions

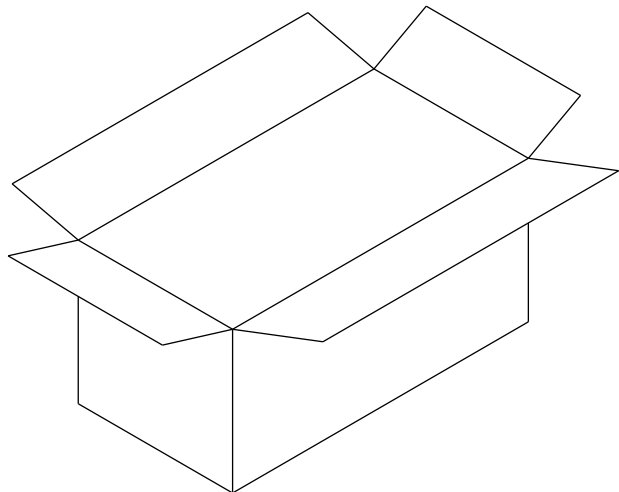
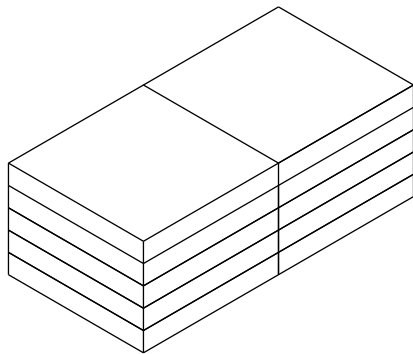
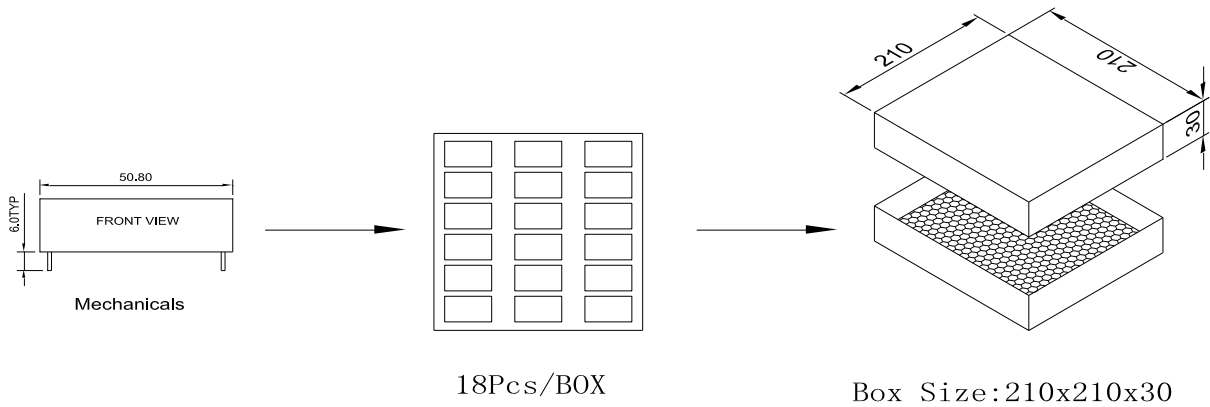


PIN	Model
1	ACN
2	ACL
3	+Vo
4	-Vo

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

6Watt,Single Output,AC-DC Power Module Converter

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



Outer carton: 460x240x220mm

UNIT:mm