

Typical performance

- ◆ Wide Input voltage range (2:1)
- ◆ Typical Efficiency 80%
- ◆ Switching frequency 250KHz ±30KHz
- ◆ Short circuit protection, Self-furbish
- ◆ Input-output isolate
- ◆ Board in-line type installs
- ◆ Sine wave output


Technology parameter Test condition: General Nominal Line, Tc=25 °C, Rated resistant load unless other wise specified

Input

Input voltage range	International standard DC voltage	Nominal 24V	18~36Vdc
	2:1 wide range input voltage	Nominal 48V	36~72Vdc
Remote (Positive logic control)	ON	High level or vacant	3.5Vdc~+Vin
	OFF	Low level or connect ground	≤0.3Vdc
Input undervoltage protection	Lower than the low-input voltage protection, Self-furbish		

Output

Voltage accuracy			±5Vac
Line regulation	Nominal Load, full voltage range		±0.5%
Load regulation	20% ~ 100% rated voltage		±1%
Output waveform		Sine wave	
Output frequency		25Hz	±3Hz
Distortion factor		Nom: ±2%	Max: ±5%
Voltage adjust		Non	
Turn-on delay time		Typical value	≤200nS

General

Efficiency	Nominal output, full load	80% Typical	
Switching frequency		250KHz Typical	
Operating temperature		Free air	-25°C~+55°C
Storage temperature			-40°C~+105°C

Max case temperature			+90°C
Relative humidity			10%~90%
Case material			Metal case
Isolation Voltage	Input to output 500Vdc≤0.5mA/1 minute; ;input to case 500Vdc≤0.5mA/1 minute		
MTBF			2X10 ⁵ Hrs

Product Nomination Method

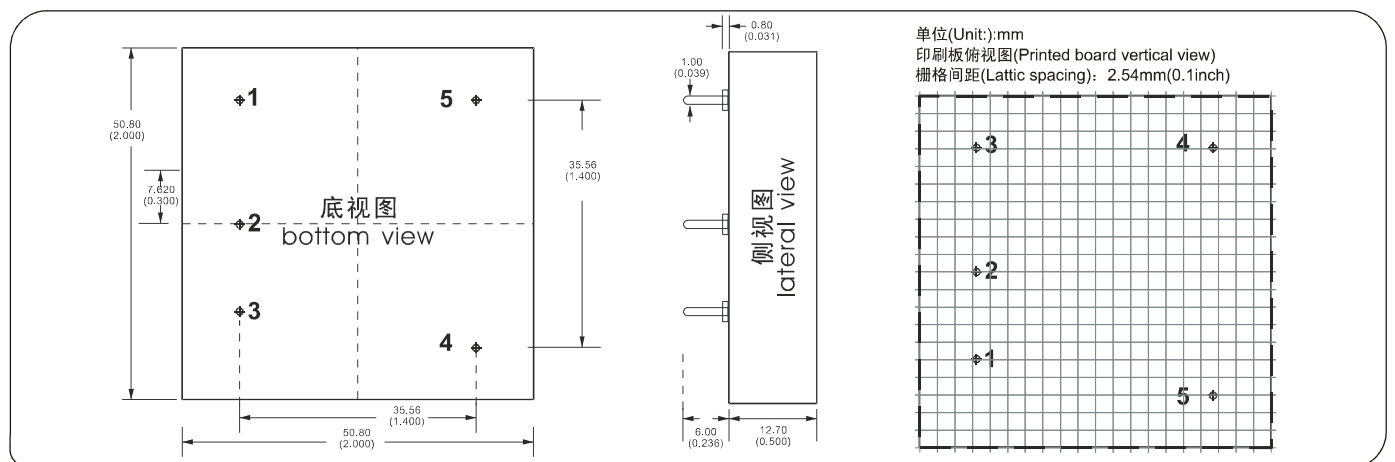
Example	W R 10 - 12 S 75		
	① ② ③	④ ⑤ ⑥	
①	Wide range input voltage: 2:1	④	Input voltage
②	Power convert mode (Ring generator)	⑤	S : Single output,
③	Output Watt	⑥	Output voltage

Typical product tabulates

TYPE	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WR10-24S75	24V (18~36V)	75Vac	130				
WR10-48S75	48V (36~72V)	75Vac	130				

Due to space limitations ,the above list is only for some products, If other than a list of products, please contact the Company's sales department.

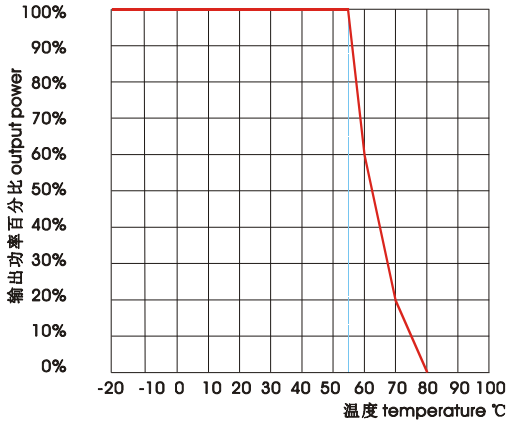
Mechanical Data



Mechanical Data

Packing Series No	L x W x H	
	50.80 x 50.80 x 12.70mm	2.000 x 2.000 x 0.500inch

TYPICAL TEMPERATURE CURVE



Pin Assignments

	1	2	3	4	5
Single	+Vout	REM	-Vin	+Vout	+Vout

*Note: The power modules such as the definition of the pin does not match with the hand book, please refer to the actual item.