

Typical Features

- ◆ Wide input voltage range (2:1)
- ◆ Typical transfer efficiency 80%
- ◆ Switching frequency 250KHz±30KHz
- ◆ Continuous short circuit protection, Self-recovery
- ◆ Input-output isolated
- ◆ PCB mounting
- ◆ Standard sine wave output



Test Condition: Unless otherwise specified, data in the datasheet should be tested under the conditions of inputting nominal voltage, pure resistance rated load and $T_a=25^{\circ}\text{C}$.

Input Specifications

Input Voltage Range	Meet international DC	Nominal 24V	18~36Vdc
	Input voltage range 2:1	Nominal 48V	36~72V Vdc
Remote Control Terminal (positive logic control)	Low level remote control	High level or suspended--Operating	3.5Vdc~+Vin
		Low level or connect to ground—Switch off	≤0.3Vdc
Input Under Voltage Protection	Lower than low-end of input voltage protection, self-recovery		

Output Specifications

Output Voltage Accuracy			±5Vac
Line Regulation	Nominal load, full voltage range		±0.5%
Load Regulation	20%~100% nominal load		±1%
Output Wave		Standard sine wave	
Output Frequency		25Hz	±3Hz
Distortion Degree		Nom:±2%	Max:±5%
Output Voltage Adjustment		Unavailable	
Turn-on Delay Time		typical	≤200nS

General Specifications

Transfer Efficiency	Nominal input voltage, full load	80% typical	
Switching Frequency		200KHz typical	
Operating Temperature		Free air Convection	-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/1minute; Input to Case 500Vdc≤0.5mA/1minute		
MTBF			2X10 ⁵ Hrs

Product Named Method

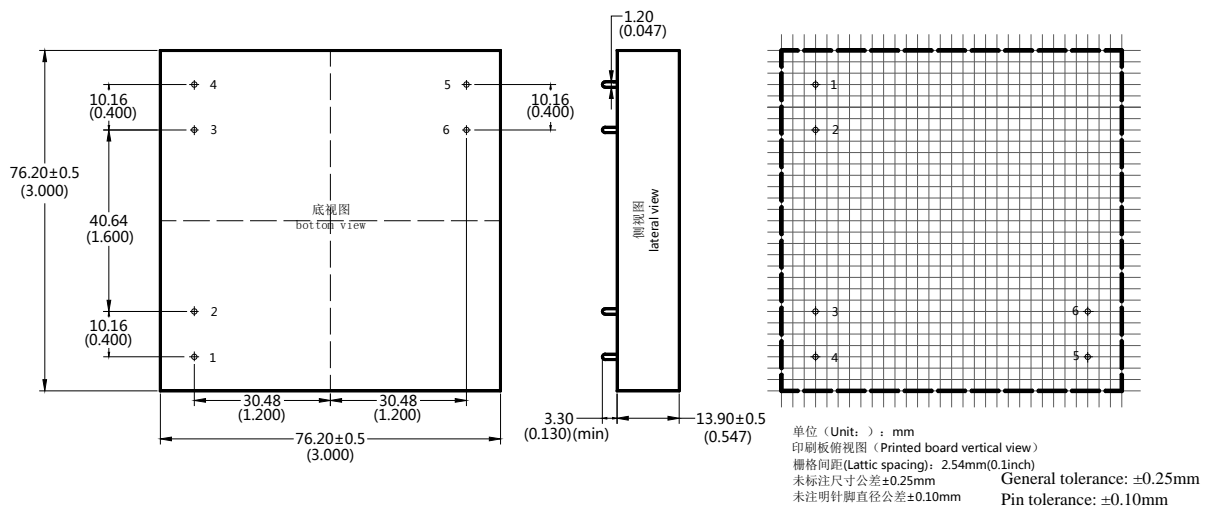
For example	W R 20 - 12 S 75		
	① ② ③ ④ ⑤ ⑥		
①	Wide input voltage: 2:1	④	Nominal input voltage
②	Ringing generator	⑤	Single output
③	Output power	⑥	Output voltage

Typical Product List

Part No.	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
*WR15-24S75	24V(18~36V) 48V(36~72V)	75Vac	200				
*WR15-48S75		75Vac	200				
*WR20-24S75		75Vac	266				
WR20-48S75		75Vac	266				

Note: Due to space limitations, above is only a part of our product list, please contact our sales team for more items.

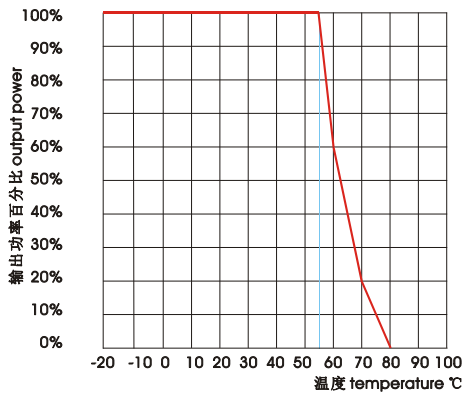
Packing Dimension



Packing Dimension

Packing Code	L x W x H	
	76.20 x 76.20 x 13.90mm	3.000 × 3.000 × 0.547inch

Temperature Curve



Pin Definition

Single(S)	1	2	3	4	5	6
	REM	CASE	-Vin	+Vin	Vout	Vout

* Note: if the definition of pin is not in accordance with the model selection manual, please refer to the label on actual item.