

Typical performance

- ◆ Wide Input voltage range (2:1)
- ◆ Typical Efficiency 80%
- ◆ Switching frequency 250KHz±30KHz
- ◆ Short circuit protection, Self-furbish
- ◆ Input-output isolated
- ◆ PCB Mounting
- ◆ 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 Ta=25°C

Input Specifications

Input voltage range	Meet Internal Current/ Voltage	Nominal 24V	18~36Vdc
	Input Voltage Range2:1	Nominal 48V	36~72Vdc
Remote Control (Positive logic control)	Low Level Control	High Level or Suspended	3.5Vdc~+Vin
		Low Level or Turn off (connect to GND)	≤0.3Vdc
Input under-voltage protection	Lower Input voltage protection, Self-recovery		

Output Specifications

Output Voltage accuracy			±5Vac
Line regulation	Nominal load,full voltage rang		±0.5%
Load regulation	20%~100% nominal load		±1%
Output waveform		Standard Sine Wave	
Output frequency		25Hz	±3Hz
Total harmonic distortion		Nom: ±2%	Max: ±5%
Voltage Voltage adjustment		Not Available	
Turn-on delay time		Typical	≤200nS

General Specifications

Transfer Efficiency	Nominal Voltage Range,full load	80%(TYP.)	
Switching Frequency		200KHz (TYP.)	
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/Min; Input to Case 500Vdc≤0.5mA/Min;	
MTBF		2X10 ⁵ Hrs

Product Nomination Method

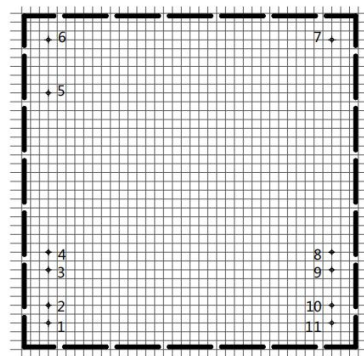
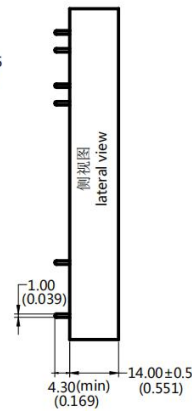
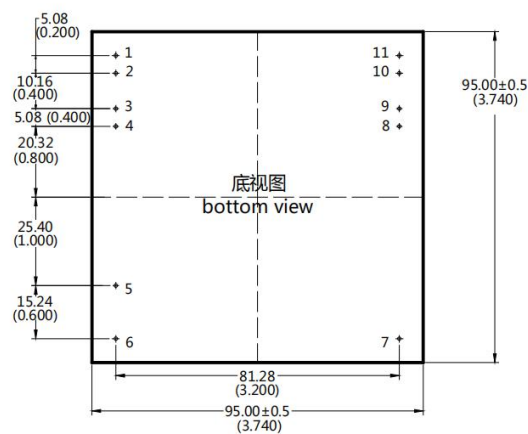
Example	W R 30 - 24 S 75	
	① ② ③ ④ ⑤ ⑥	
①	Wide Input Voltage Range: (2: 1)	④ Nominal Input Voltage
②	Ringing Generator	⑤ S -Single Output
③	Output Power	⑥ Output Voltage

Typical Products List

Module No	Input voltage range	Output voltage / current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
WR30-24S75	24V (18~36V) 48V (36~72V)	75Vac	400				
WR30-48S75		75Vac	400				
WR40-24S75		75Vac	533				
WR40-48S75		75Vac	533				

Note: 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.

Packing Dimension



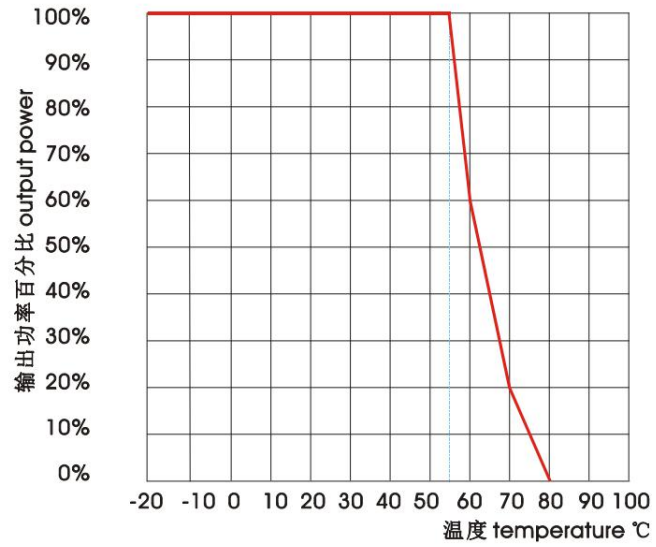
单位 (Unit :) : mm
印刷板俯视图 (Printed board vertical view)
栅格间距(Latic spacing) : 2.54mm(0.1inch)
未标注尺寸公差±0.25mm

Packing Dimension

Packing Code	L x W x H	
	95.00 x95.00x 14.00mm	3.740 x3.740 x0.551inch

Single(S)	1:2	3:4	5	6	7	8:9	10:11
	+Vin	-Vin	CASE	REM	NC	Vout	Vout

Temperature Derating Curve



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