

Typical Features

- ◆ Narrow Input voltage range
- ◆ Typical Efficiency (Typ86%)
- ◆ Switching frequency : 100 KHz
- ◆ Over current / Short circuit protection, Self-furbish
- ◆ Input-output isolation
- ◆ PCB mounting
- ◆ Metal case shield



Technology Parameter

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	Min(Vac)	Nom(Vac)	Max(Vac)	Notes
Input voltage(Vac)	165(200Vdc)	220	265(380Vdc)	N
Input frequency range(Hz)	47			
Remote Control	Unavailable			

Output Specifications

Output Voltage accuracy		Vo1	$\pm 1.0\%$
Line regulation	Nominal load,full voltage range	Vo1	$\pm 0.2\%$
Load regulation	20% ~ 100% nominal load	Vo1	$\pm 0.5\%$
Ripple & Noise	20MHz BM(full load)		
			$\leq 120 \text{ mVp-p}$
Turn-on delay time	TYP		1S

General Specifications

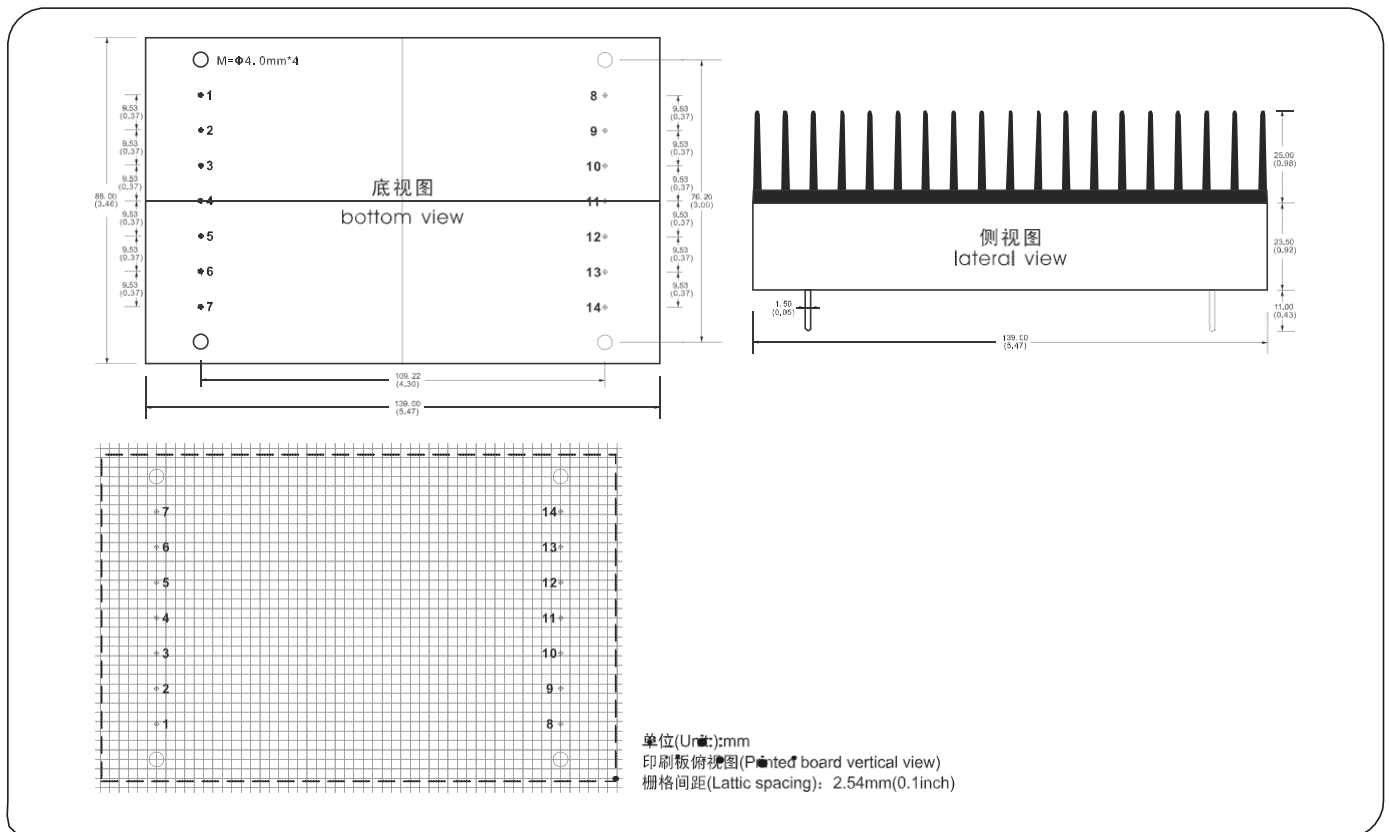
Transfer Efficiency	Nominal input voltage,full load		86%(Typ)
Switching frequency		100KHz(T y p .)	
Operating temperature		Free air convection	$-25^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Storage temperature			$-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
Max case temperature			$+90^{\circ}\text{C}$
Relative humidity			10%~90%
Case material			Metal case
Isolation Voltage	Input-output 2.5KV $\leq 1.5\text{mA}/1\text{min}$; Input- case Input-FG 1.5KV $\leq 1.5\text{mA}/1\text{min}$		
MTBF	2X10 ⁵ Hrs		

Typical Product List

Item	Input voltage range	Output voltage / Current					
		VO1		VO2		VO3	
		V	mA	V	mA	V	mA
NA200-220S12M1	165~265Vac 200~380Vdc	12V	16600mA				
NA200-220S15M1		15V	13300mA				
NA200-220S24M1		24V	8330mA				
NA200-220S48M1		48V	4160mA				

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

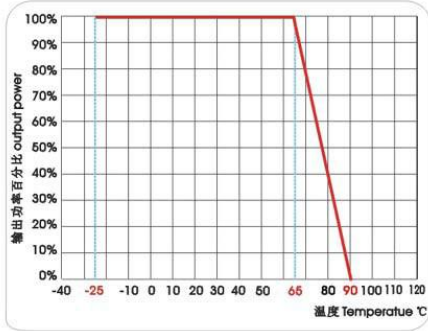
Dimension



Packing Dimension

Code	L x W x H	
M1	139.00 × 88.00 × 23.50mm	5.47 × 3.46 × 0.93inch

Temperature Curve



Single(S)	1	2	3	4	5	6	7
	AC(N)	NP	AC(L)	NP	NP	NP	FG
	8	9	10	11	12	13	14
	+Vo	+Vo	-Vo	-Vo	+S	TRIM	-S

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