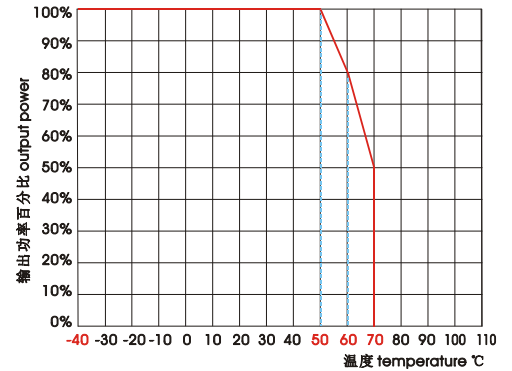


- 超薄 ( 25.4mm厚 )
- 转换效率 : 85%
- 符合RoHS标准
- 高可靠性

## Typical performance

- ◆ ultra-thin ( 25.4mm )
- ◆ Efficiency ( 85% )
- ◆ Low temperature start ( -40°C )
- ◆ Input overvoltage Protection
- ◆ Input undervoltage Protection
- ◆ Overload Protection
- ◆ In line with RoHS codes

## Temperature graph



**Technology parameter** (Test condition : Unless otherwise indicated, specifications apply over all operating input voltage, resistive load, and temperature conditions)

## Input

Voltage range	88~264VAC
Frequency range	47~63Hz
Efficiency(Typ.)	85%@ 230Vac&Full Load
Ac current(Typ.)	2.5A/230VAC
Inrush current(Typ.)	50A/230VAC
Leakage current	<3.5mA/240VAC

## Output

Dc voltage	5V
Rated current	60A
Current range	0~60A
Pated power	300W
Ripple & noise(max.)	120mVp-p
Voltage adj. Range	4.9-5.4V
Voltage tolerance	±2%
Line regulation	±0.5%
Load regulation	±2%
Dynamic response	小于500mV@50% ~75%~50% lout max, 0.1A/us

Setup time	小于1500ms/230VAC@full load
Rise time	0.1~20ms/230VAC@full load
Hold up time(typ.)	16ms/230VAC@full load

### General

Protection	Overload	110~130% rated output power Protection type: lockout, recovers automatically after restart
	Short circuit	Protection type: lockout
	Output overvoltage	5.75V - 6.5V,lockout
	Over temp	85+/-5°C, recovers automatically
Signal	Dc OK signal	Green LED light when PSU turn on
Environment	Working humidity	20~90%RH non-condensing
	Storage temp,humidity	-40~85°C,10~95%RH
	Temp coefficient	±0.02%/°C(0~50°C)
	Vibration	10~500Hz,5G 10min./1cycle, 60min.each along X, Y, Z xzes
Hi-pot	Withstand voltage	Input-FG:1.5KVAC Input-Output:3.0KVAC Output-FG:0.5KVAC
	Isolation resistance	Input-FG; Input-Output; Output-FG:10M Ohms/500VDC/25°C/70%RH
Others	Dimension	215x115x25.4mm (LxWxH)
	Weight	0.92Kg/pcs

### Product Nomination Method

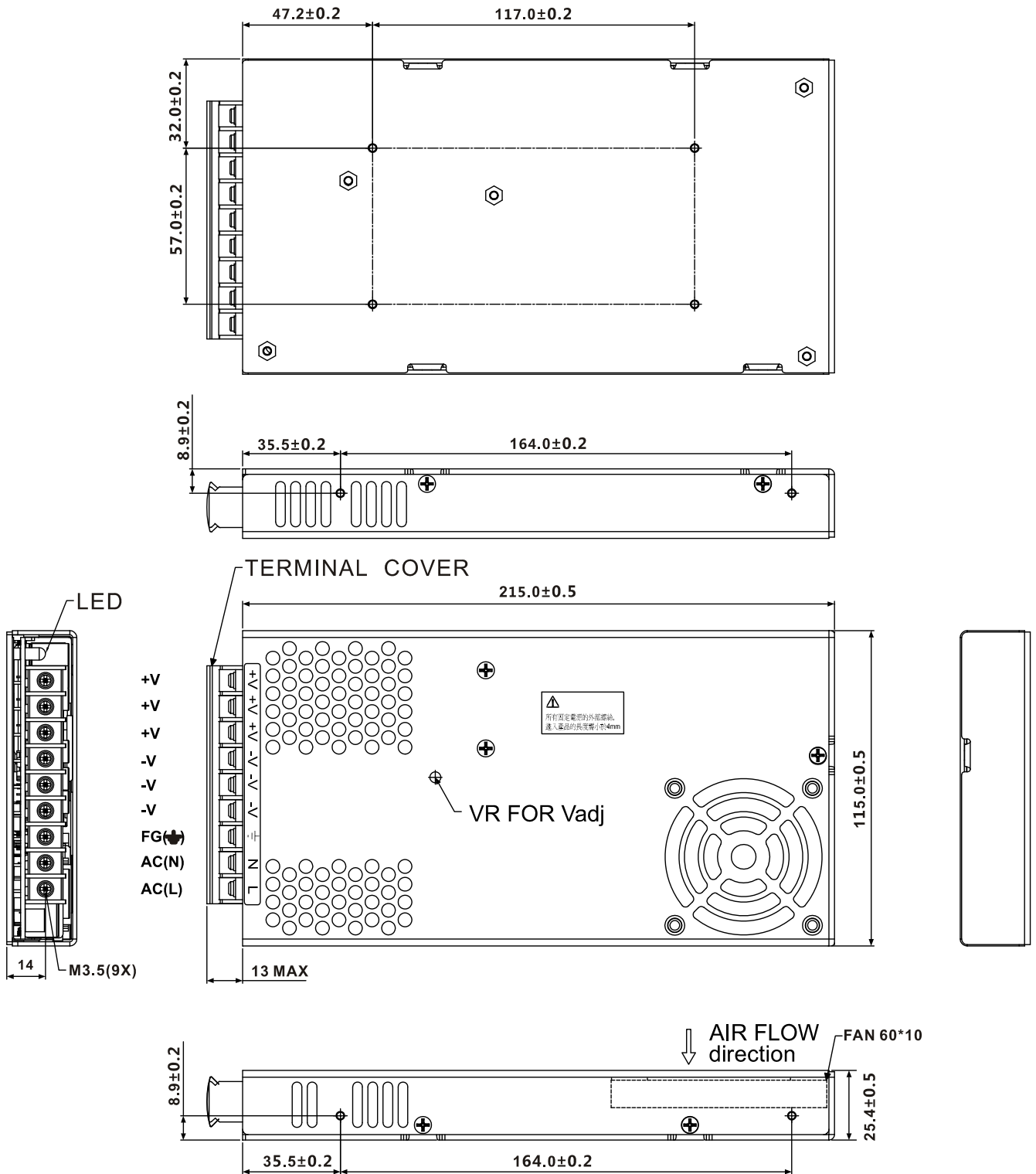
Example	W A K 300 - 220 S 05 ① ② ③ ④ ⑤ ⑥ ⑦		
①	W Wide range input voltage: AC88-264V	⑤	Input nominal voltage
②	Power convert mode A (AC-DC)	⑥	S single output
③	Switch Power	⑦	Output voltage
④	Output Watt		

### Typical product tabulates

TYPE	Input voltage range	Output voltage / current		
		VO1	VO2	VO3

		V	mA	V	mA	V	mA
WAK300-220S05	88-264Vac	5	60000				

## Mechanical Data



### 注意事项:

固定于客户系统的螺丝规格是 M3,共8个. 固定螺丝进入电源本体的长度不能超过4mm.

## Mechanical Data

Package Code	L x W x H (unit): mm	Package No
---	215.00x115.00x25.40	---