

### ■ Features

- ✚ Low price and high reliability
- ✚ 170V-264V AC input power
- ✚ High efficiency and low operation temperature
- ✚ Soft-start current can reduce the AC input impact effectively
- ✚ With Short-circuit and overload protection
- ✚ 100% full-load burning test
- ✚ Small bulk design
- ✚ Installed with EMI filter, minimum wave.
- ✚ 2 years warranty

### ■ Specification

Model	HS-25-5	HS-25-12	HS-25-15	HS-25-24
DC output voltage	5V	12V	15V	24V
Output voltage error (Note: 2)	±2%	±1%	±1%	±1%
Rated output current	5A	2.1A	1.7A	1.1A
Output current range	0-5A	0-2.1A	0-1.7A	0-1.1A
Wave and noise(Note : 3)	50mVp-p	100mVp-p	100mVp-p	100mVp-p
Inlet stability(Note : 4)	±0.5%	±0.5%	±0.5%	±0.5%
Load stability (Note : 5)	±1%	±0.5%	±0.5%	±0.5%
DC output power	25W	25.2W	25.5W	26.4W
Efficiency	72%	76%	77%	80%/
Adjustable range for DC voltage	+10,-5%	+10%	+10%	+10%
AC input voltage range	170-264VAC, 47-63Hz;240~370VDC			
Input current	0.35A/230A			
AC Inrush current	Cold-start current 30A/230V			
Leakage current	<0.5mA/240VAC			
Overload protection	105%-150%Type:Foldback:current limiting reset: auto recovery			
Temperature coefficient	±0.03%/°C (0-50°C)			
Setup rise hold up time	200ms,100ms,30ms/230VAC			
Vibration	10-500Hz,2G 10min,/1cycle, Period for60min, Each axes			
Withstand voltage	Input and output internal: 1.5KVAC,Input and enclosure: 1.5KVAC,Output and enclosure: 0.5KVAC			

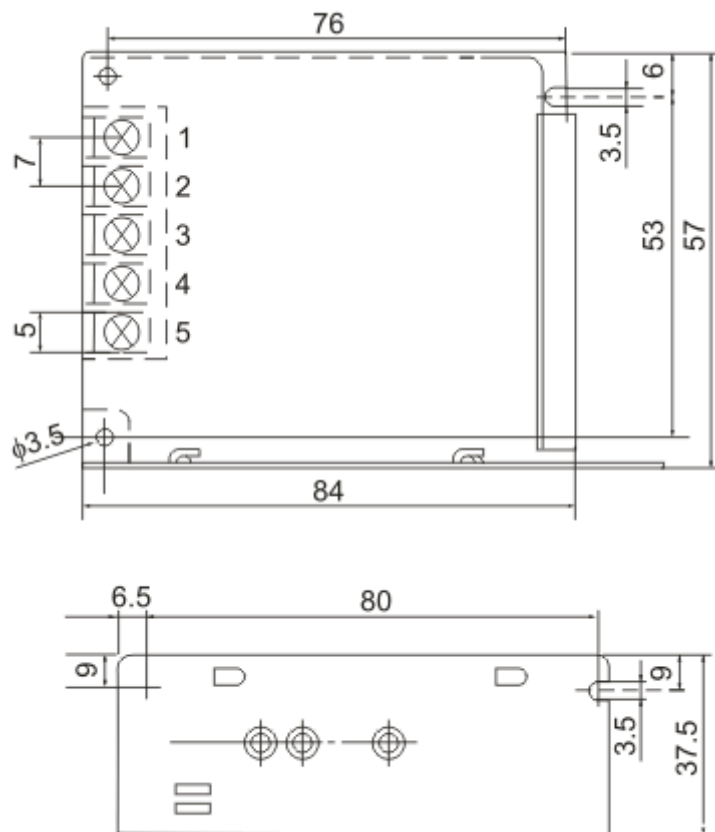
Isolation resistance	Input and output internal: Input and enclosure, Output and enclosure: 500VDC/100MΩ
Working temperature and humidity	-10℃~+60℃ (Refer to output derating curve) , 20%~90%RH
Store temperature and humidity	-20℃~+85℃。 10%~95%RH
Overall dimension	84×58×38mm
Weight	0.16Kgs

Note:


- 1.The testing condition for the parameter above is :230VAC input, rated load,25℃70% RH. Humidity.
2. Error. include the setting error, line stability and load stability.(Note:5).
3. Wave test: adopting "A12"double wire for 20MHz, and 0.1UF&47UF capacitor short-circuit for interrupting.
4. Inlet voltage stability test: when is over load, the lowest voltage of inlet is up to the highest voltage.
- 5.Load stability test: the load is from 0% to 100%

## ■ Shape and installation dimension

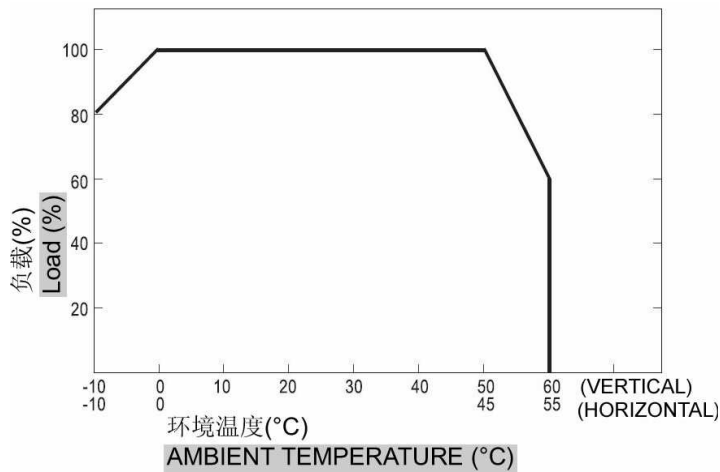
Unit: mm



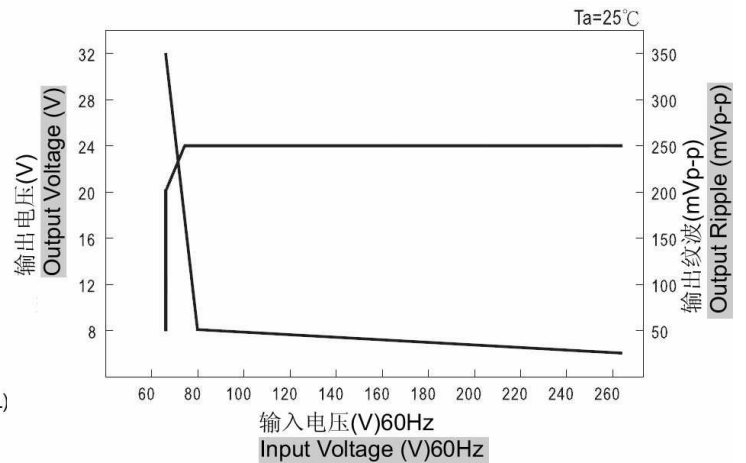
### Terminal Pin No Assignment (5 point 6.5mm Pin)

Pin No.	Assignment	Pin No.	Assignment
1	DC OUTPUT +V	3	FG 
2	DC OUTPUT -V	4 5	AC INPUT

## ■ Load Derating Curve



## ■ Static Characteristics (24V)



## ■ Notice

1. Be sure to confirm the signification of sign above the pole before connection.

**L:** LINE (AC input)      **N:** Neutral (AC input)      **≡(FG):** Protective Ground

**-V (COM):** DC output cathode

**+V:** DC output anode

**VADJ:** Output Voltage adjustment

2. Switch power supply can be used 110V and 220V AC power for input, The AC Voltage switch is in the top of the power supply sub-rack. Before plug in please check the voltage position is correct or not otherwise may take a permanent damage in this power supply.
3. Be sure to keep the ground wire connection, avoid electric shock and common mode interference or differential mode interference.

**Multiple view, more attention!**

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