

### HIS15 15W

Plastic guide power supply

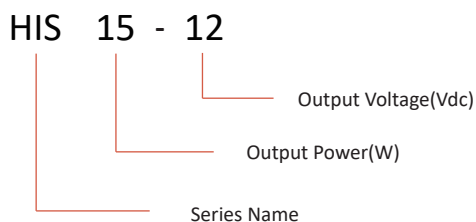


#### Product family features

- Wide voltage input(85-264Vac, 100-370Vdc)
- Low ripple, noise
- High efficiency, perfect protection function
- Industrial product design, standard rail installation
- Low power consumption, green environmental protection, no-load loss < 0.3W
- 3 years of quality assurance
- 100% high temperature aging and testing



### Naming rules



### Model List

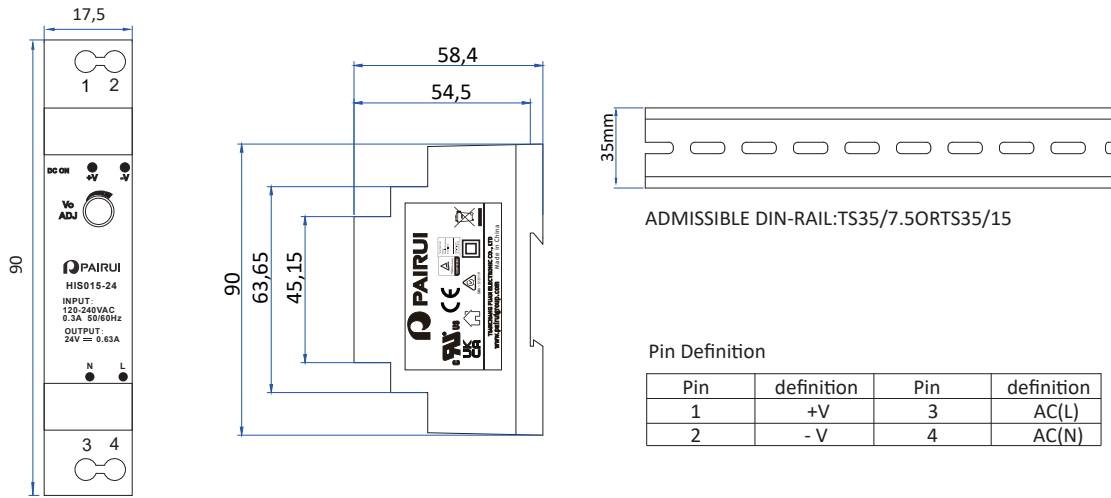
Product Modle	Input voltage	Output power	Output voltage	Output current	Ripple	Efficiency
HIS15-05	85-264Vac 100-370Vdc	12W	5.0V	2.4A	80mv	80%
HIS15-12		15W	12V	1.25A	120mv	85%
HIS15-15		15W	15V	1A	120mv	85%
HIS15-24		15W	24V	0.63A	150mv	86%
HIS15-48		15W	48V	0.32A	240mv	83%

Electrical Specifications

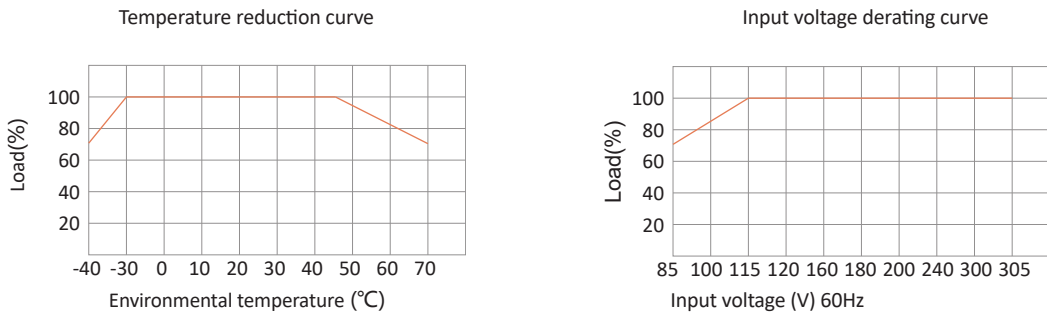
	Parameter	Notes / Conditions				
Output	Output voltage accuracy	±2.0% (5V±3.0%)				
	Source effect	±1.0%				
	Load effect	±1.0%				
	Start, rise time (typical)	1200ms,30ms/230VAC 2500ms, 50ms/115VAC at full load				
	Output hold time (typical)	50ms/230VAC 10ms/115VAC at full load				
Input	Input voltage range	85--264VAC 100 -- 370VDC				
	Input frequency	47 -- 63Hz				
	Input current (typ)	0.3A / 115VAC 0.2A / 230VAC				
	Impulse current (typ)	Cold start 30 A / 115 VAC 60 A / 230 VAC				
	Leakage current (typ)	< 1mA at 230VAC/50Hz				
Protection	Overcurrent and short circuit protection, capable of self recovery after troubleshooting					
	Output voltage	5V	12V	15V	24V	48V
	Overvoltage protection point	≤6.75V	≤16.2V	≤22.5V	≤36V	≤64.8V
Environment	working temperature	-40 -- +70 °C (refer to the derating curve when ≧50°C)				
	Working humidity	85% .RH max				
	Storage temperature	-40 -- +85, 10 -- 95% RH				
	Temperature drift coefficient	0.03%/ (0~ 50°C)				
	Vibration coefficient	10 -- 500Hz,2G10min./1cycle, 60min.each along X,Y,Z axes				
Safety and EMC	Safety standards	UL1012				
	Insulation withstand voltage	I/P-O/P:3KVAC(min)				
	Insulation resistance	I/P-O/P>100M Ohms/500VDC 25°C 70% RH				
	Conduction and radiation	Compliant with EN55011, EN55022 (CISPR22)				
	Electrostatic discharge	IEC/EN 61000-4-2: level 3 8kV air / level 2 4kV contact				
	Radio frequency radiation immunity	IEC/EN 61000-4-3				
	Electric fast transient pulse group	IEC/EN 61000-4-4 level 3 2kV				
Others	Surge	IEC/EN 61000-4-5 level 4 2kV				
	MTBF	200K hrs min. MIL-HDBK-217F(25)				
Note	size	17.5*90*54.5m				
	<p>1. Unless otherwise specified, the above data were measured at TA=25oC, humidity&lt;75%, input nominal voltage of 230Vac, and output rated load;</p> <p>2. Ripple and noise were measured at 20MHz using a 300mm twisted pair cable, with a 0.1uF high-frequency ceramic capacitor and a 47uF electrolytic capacitor connected in parallel at the terminal.</p> <p>3. The power supply is considered a component within the system and requires confirmation of electromagnetic compatibility in conjunction with terminal equipment</p>					

# Product datasheet

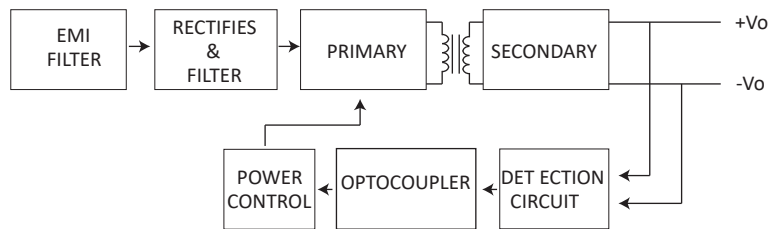
## Product size



## Derating curve chart



## Schematic diagram

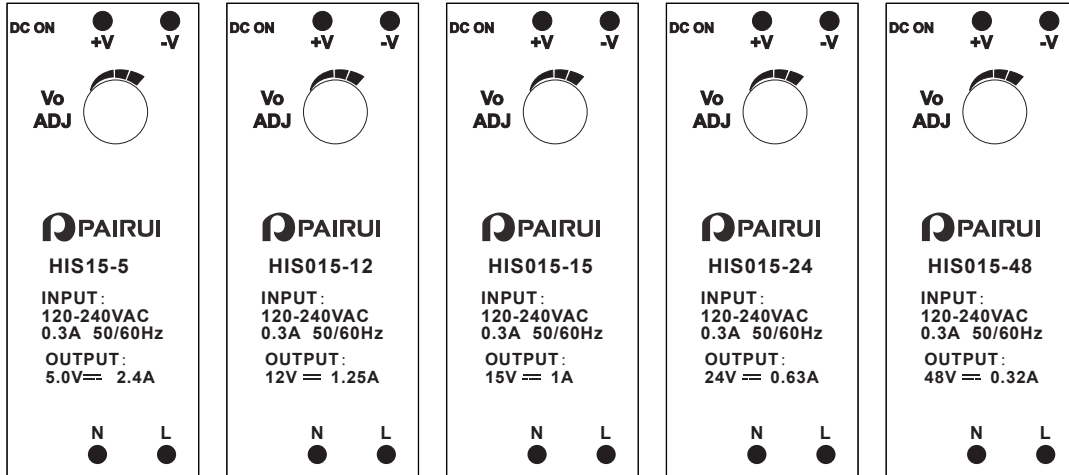


Net weight	gross weight	Packing quantity	Full box weight	Box size
55g	65g	156Pcs	10.2kg	360*300*250 (mm)

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## Tag information

### Front - Laser Label



### Side paper label

