

HIS30 30W

Plastic guide power supply

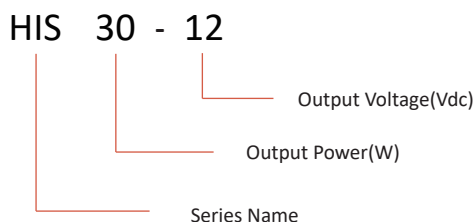


Product family features

- 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

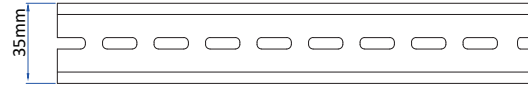
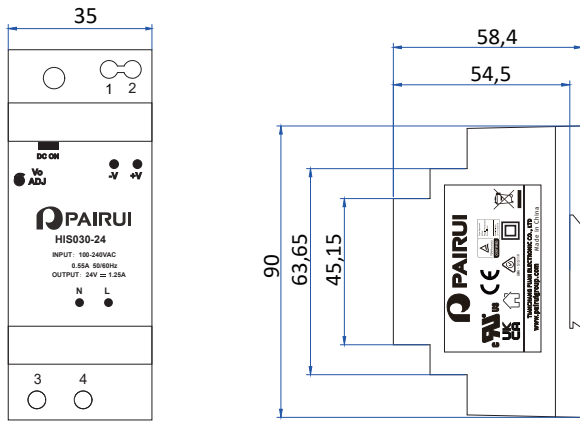
Product Modle	Input voltage	Output power	Output voltage	Voltage regulation range	Output current	ripple	efficiency
HIS30-5	85-264Vac 120-370Vdc	15W	5.0V	4.7-5.5V	3A	80mv	82%
HIS30-12		30W	12V	11.3-13.5V	2.5A	100mv	90%
HIS30-15		30W	15V	13.5-16.5V	2A	100mv	90%
HIS30-24		30W	24V	22-26V	1.25A	100mv	90%
HIS30-48		30W	48V	45.6-53V	0.625A	100mv	91%

Electrical Specifications

	Parameter	Notes / Conditions
Output	Output voltage accuracy	±2.0%
	Linear adjustment rate	±1.0%
	Load adjustment rate	±1.0%
	Start, rise time (typical)	30ms,30ms/230VAC 50ms, 50ms/115VAC at full load
	Output hold time (typical)	100ms/230VAC 50ms/115VAC at full load
Input	Input voltage range	85--264VAC 100 -- 370VDC
	Input frequency	47 -- 63Hz
	Input current (typ)	0.5A / 115VAC 0.3A / 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	
Environment	working temperature	-40 -- +70 °C (refer to the derating curve when $\geq 50^{\circ}\text{C}$)
	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	Compliant with UL1012
	Insulation withstand voltage	I/P-O/P:1.5KVAC(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 4 8kV/15kV
	Radio frequency radiation immunity	IEC/EN 61000-4-3
	Electric fast transient pulse group	IEC/EN 61000-4-4 level 4 4kV
Others	Surge	IEC/EN 61000-4-5 level 4 2kV
	MTBF	
Note	size	35*90*54.5m
	<ol style="list-style-type: none"> 1. Unless otherwise specified, the above data were measured at TA=25oC, humidity<75%, input nominal voltage of 230Vac, and output rated load; 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. 3. The power supply is considered a component within the system and requires confirmation of electromagnetic compatibility in conjunction with terminal equipment 	

Product datasheet

Product size



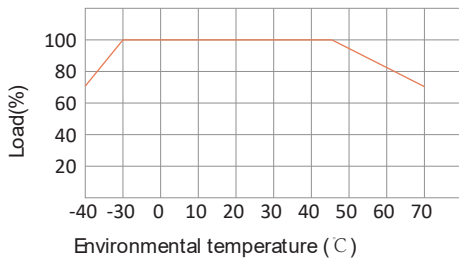
ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15

Pin Definition

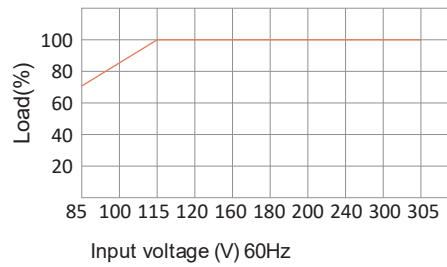
Pin	Definition	Pin	Definition
1	+V	3	AC(N)
2	-V	4	AC(L)

Derating curve chart

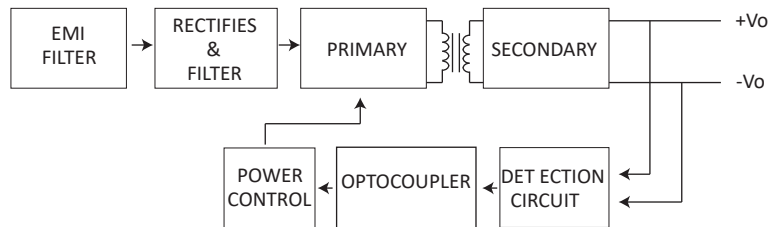
Environmental temperature derating curve



Input voltage derating curve



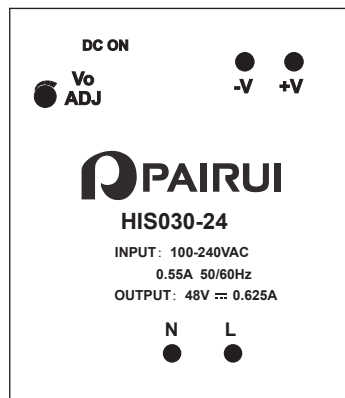
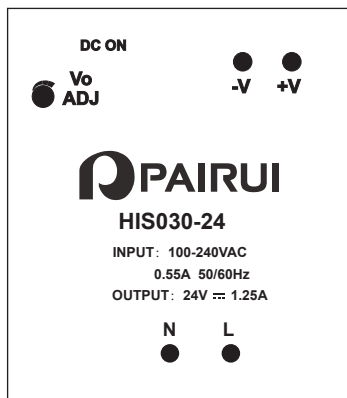
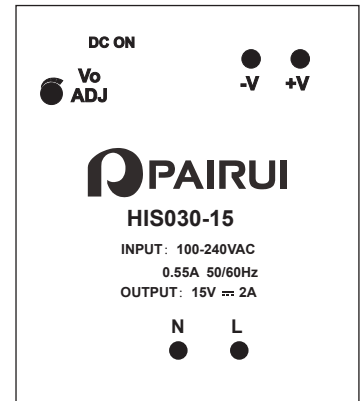
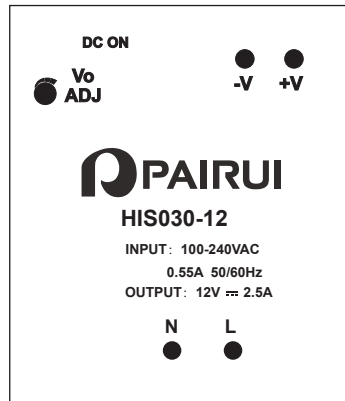
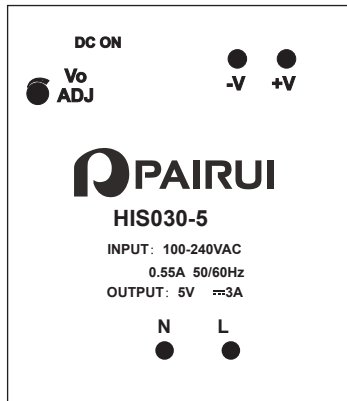
Schematic diagram



Net weight	gross weight	Packing quantity	Full box weight	Box size
102g	110g	98Pcs	10.8kg	360*300*250 (mm)

Tag information

Front - Laser Label



Side paper label

