

HIS60 60W
Plastic guide power supply

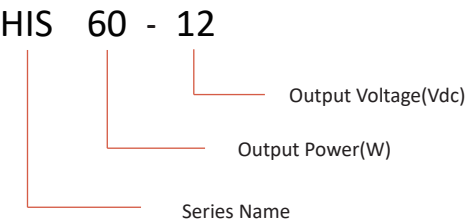


Product family features

- Wide voltage input(90-264Vac, 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 < 0.75W
- 3 years of quality assurance
- 100% high temperature aging and testing



Naming rules



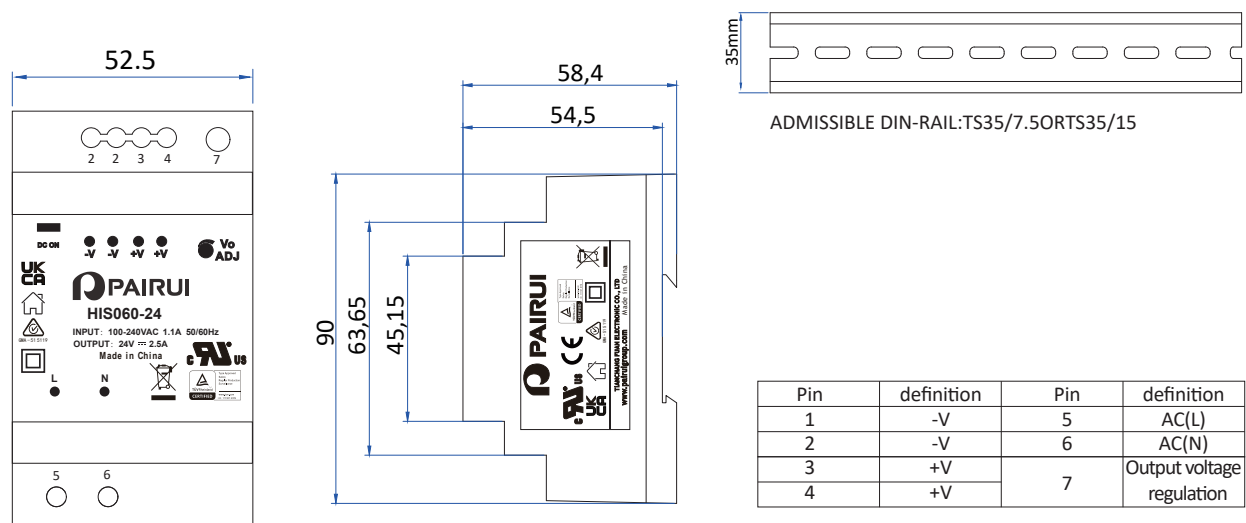
Model List

Product Modle	Input voltage	Output power	Output voltage	Output current	Ripple	Efficiency
HIS60-05	90-264Vac 100-370Vdc	32.5W	5.0V	6.5A	100mv	78%
HIS60-12		54W	12V	4.5A	120mv	88%
HIS60-24		60W	24V	2.5A	120mv	89%
HIS60-48		60W	48V	1.25A	240mv	90%

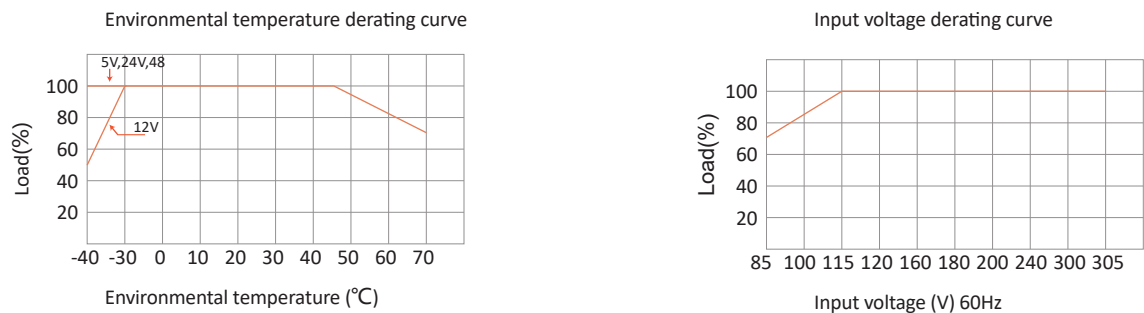
Electrical Specifications

	Parameter	Notes / Conditions
Output	Output voltage accuracy	±2.0%
	Linear adjustment rate	±1.0%
	Load adjustment rate	±1.0%
	Start, rise time (typical)	1200ms,30ms/230VAC 3000ms, 50ms/115VAC at full load
	Output hold time (typical)	50ms/230VAC 15ms/115VAC at full load
Input	Input voltage range	90--264VAC 100 -- 370VDC
	Input frequency	47 -- 63Hz
	Input current (typ)	1.1A / 115VAC 0.7A / 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≥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	Compliant with 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 4kV/8kV
	Radio frequency radiation immunity	IEC/EN 61000-4-3
	Electric fast transient pulse group	IEC/EN 61000-4-4 level 3 2kV
	Surge	IEC/EN 61000-4-5 level 4 2kV
Others	MTBF	200K hrs min. MIL-HDBK-217F(25)
	size	52.5*90*54.5mm
Note	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	

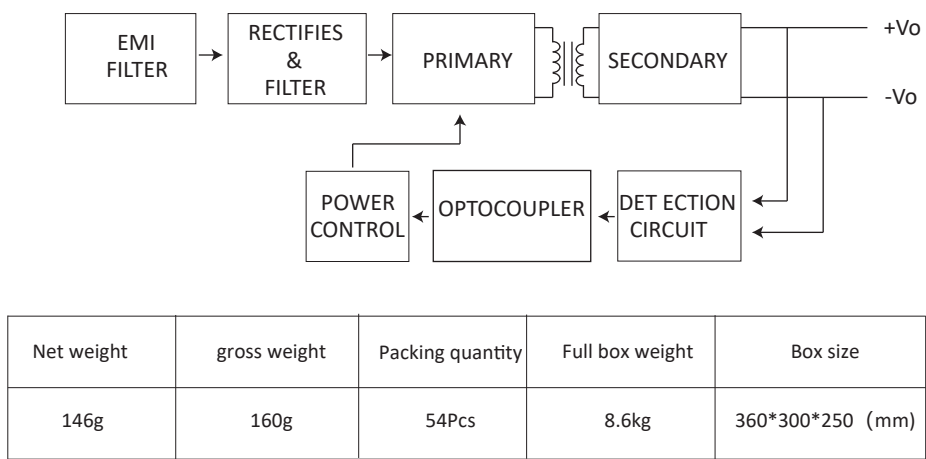
Product size



Derating curve chart

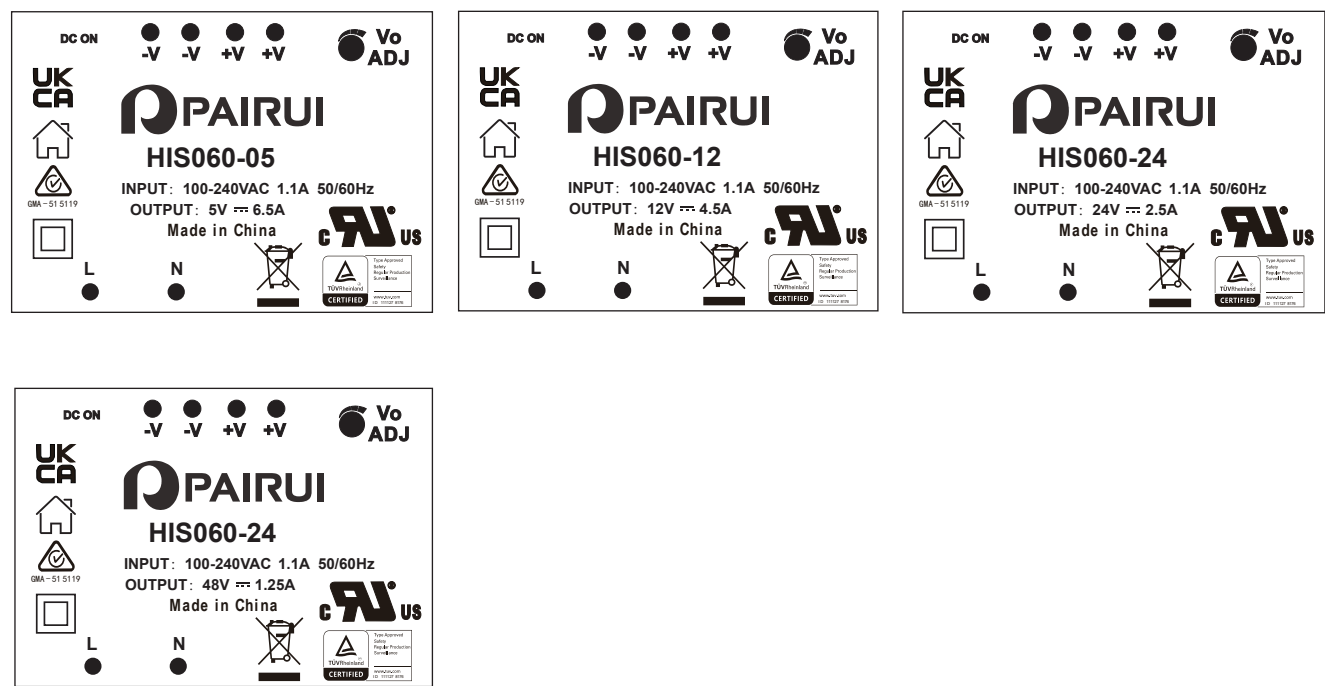


schematic diagram



Tag information

Front - Laser Label



Side paper label

