KRITSNAM TECHNOLOGIES

High Efficiency GOLD Series Compact SMPS

KRP-GOLD-350-XX

The KRP-GOLD-350-XX is a **high-efficiency**, **compact** switched-mode power supply designed for a wide range of applications including industrial, commercial, and consumer electronics. This power supply features advanced power management and robust protection mechanisms, ensuring reliable performance and energy savings.

Key Features:

- High Efficiency: Up to 93% efficiency to minimize energy loss.
- Compact size in the market: (only 130x100x40mm) LxWxH
- Cooling: convectional air-cooled fan less design
- 20% Power Boost (420W)
- Active inrush current Circuit : <7A with bypass relay-eliminate NTC heating
- Input under voltage protections (<185VAC)
- Output short circuit, over-load
- Can be mounted both Vertically and Horizontally with Panel Mount/Din rail Mount.
- Leading supplier for major OE manufactures, SAIL, HVF, NTPC, BHEL, RINL.
- All our products come with a 3-year warranty against all manufacturing defects

Ordering Code:

KRP-GOLD-350-XX

1 2 3 4

1	COMPANY'S NAME & Single-Phase input
2	GOLD - HIGH EFFECIENCY
3	RATED OUTPUT POWER
4	RATED OUTPUT VOLTAGE

KRITSNAM TECHNOLOGIES
Plot No. 591, Gurukrupa Industrial estate,
Bhestan, Surat-395023, India.

Mail Id:
kritsnamtechnologies@gmail.com
Mob: 9825848477, 9099855172
www.kritsnamtechnologies.in

SPECIFICATIONS:

MODEL		KRP-GOLD-350-12	KRP-GOLD-350-15	KRP-GOLD-350-24
OUTPUT	DC Voltage	12V	15V	24V
	Load Current	29.2A	23.3A	14.6A
	Rated Power	350W / (400W max. for 30sec)		
	Ripple & Noise	70mVp-p	70mVp-p	150mVp-p
	Line Regulation	± 1%		
	Load Regulation	<1% (185-280V AC)		
	Setup, Rise Time	2000ms, 90ms/230VAC at full load		
	Hold Up Time (Typ.)	20 msec at 230VAC		
INPUT	Voltage Range	190 to 280VAC		
	Frequency Range	47 - 63Hz		
	Efficiency (Typ.)	>92 %		
	AC Current (Typ.)	2.0A/230VAC		
	AC Inrush Current	7A at 230VAC with NTC bypass relay (avoid Unnecessary NTC Heat)		
	Leakage Current	<3.5mA/ 240VAC		
PROTECTION	Overload	Output On-Off at 440W		
	Short circuit	Protection type: Shut down o/p, Re-power on to recover (after 1 min)		
ENVIRONMENT	Working Temperature	-10 ~ +60°C (Refer to "Derating Curve")		
	Working Humidity	20 ~ 90% RH non-condensing		
	Storage Temp., Humidity	-20 ~ +85°C, 10 - 95% RH		
	Temp. Coefficient	+0.03%/°C (0 - 50°C)		
	Vibration	10 - 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes		
EMC & SAFETY	Safety Standards	Designed as per UL950		
	Surge Voltage	6KV Tested		

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	EMC Emission	pending
	EMC Immunity	Pending
	Dimension	130"100"40mm (L"W"H)

MECHANICAL DRAWING:

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