



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
- Low inrush current <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.
- 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	HIGH EFFECIENCY
3	RATED OUTPUT POWER
4	RATED OUTPUT VOLTAGE

SPECIFICATIONS:

MODEL		KRP-GOLD-350-15	KRP-GOLD-350-24
OUTPUT	DC Voltage	15V	24V
	Load Current	23A	14.6A
	Rated Power	350W	350W
	Ripple & Noise	100mVp-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	185 to 280VAC	
	Frequency Range	47 - 63Hz	
	Efficiency (Typ.)	>92 %	
	AC Current (Typ.)	0.9A/230VAC	
	Inrush Current (Typ.)	7A at 230VAC achieved with bypass relay for low heating of NTC	
	Leakage Current	<3.5mA/ 240VAC	
PROTECTION	Overload	Shut down o/p, re-power on to recover	
	Short circuit	Protection type: Shut down o/p, re-power on to recover	
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	
	Withstand Voltage	N/A pending	

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

MECHANICAL DRAWING:

