

Indoor RX Series LED Power Supply Specification

IP20



- * 3 years warranty
- * High efficiency, high stability
- * Low-profile design: suitable for narrow space installation
- * Complete range of specifications: meet different requirements
- * LED indicator for power on
- * With short circuit, overload, over voltage protection
- * AC input voltage range: 200-240V

Model		RX-60-12/24	RX-100-12/24	RX-150-12/24	RX-200-12/24
Output	DC	12V/ 24V	12V/ 24V	12V/ 24V	12V/ 24V
	Rated Current	5A/2.5A	8.33A/4.16A	12.5A/ 6.25A	16.7A/ 8.33A
	Current Range	0-5A/ 0-2.5A	0-8.33A/ 0-4.16A	0-12.5A/ 0-6.25A	0-16.7A/ 0-8.33A
	LOAD (%)	100%	100%	100%	100%
	Rated Power	60W	100W	150W	200W
	Ripple Wave & Noise (Max.)	<100mVp-p	<300mVp-p	<200mVp-p	<400mVp-p
	Voltage Accuracy	±5%	±5%	±5%	±5%
	Linear Adjustment Rate	±3%	±3%	±3%	±3%
	Load Regulation	±5%	±5%	±5%	±5%
	Start up, Rise Time (240V AC)	2000ms, 80ms	2000ms, 80ms	2000ms, 80ms	2000ms, 80ms
	Turn on Delay Time (240V AC)	10ms	10ms	10ms	10ms
Input	Voltage Range	200-240V AC			
	Frequency Range	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Efficiency	≥84%/ ≥88%	≥85%/ ≥87%	≥87%/ ≥88%	≥87%/ ≥88%
	AC Current (240V AC)	1A max.	1.5A max.	2A max.	2.4A max.
	Inrush Current (240V AC)	<42A	<80A	<54A	
	Leakage current	<0.75mA/240VAC	<0.75mA/240VAC	<3.5mA/240VAC	<0.75mA/240VAC
Protection	Over-load	110%-130%	110%-130%	110%-130%	110%-130%
		hiccup mode, the load abnormal condition can be automatically restored after removal			
	Over-voltage	the power supply will lock when over voltage(<15V/ <29V), must close and restart AC source			
	Short-circuit	hiccup mode protection, the power supply will be auto recovered when short circuit faults remove.			
Environment	Temperature	-20°C-40°C			
	Working Humidity	5%(0°C)~90%(40°C)RH, 72Hrs, Full load, Normal operating.			
	Storage Temperature	-25°C-80°C			
Safty&EMC	Safty Standars	GB4943-2022,UL1012			
	Withstand Voltage	I/P-O/P 2KVAC I/P-FG 2KVAC O/P-FG 500VAC			
	Isolation Resistance	I/P-O/P .I/P-FG .O/P-FG: > 100MΩ/500VDC/25°C/70%RH			
	EMC	EN55032B,ClassB			
	EMC Immunity	EN55024;EN61000-4-2,3,4,5,6,8,11			
Others	MTBF	≥30000hours at 25°C			
	Size (mm)	99*82*30	129*97*30	159*97*30	159*97*30
	Net Weight (g)	183	268	334	351
	Packing (pcs/carton)	108pcs	50pcs	60pcs	60pcs
Loading	Derating curve of loading with ambient temperature				
	Derating curve of loading with input voltage				