

Model: RS60P Series

Features

- Class 2/II plastic driver housing design
- Double insulated wiring
- Universal AC input 90~305V AC
- High power conversion efficiency: up to 89%
- Constant current and constant voltage operation
- Built-in active PFC (Power Factor Correction) function
- 3 in 1 dimming function (optional)
- Protection: OVP / SCP / OTP
- IP67 approved
- Limited power supply (LPS) power unit



Specifications

Model No.	RS60P-12C(A)	RS60P -24C(A)	RS60P -36C(A)	RS60P -48C(A)	RS60P -57C(A)	
Output	DC Voltage	12V	24V	36V	48V	57V
	Constant Current Region	9 ~ 12V	15 ~ 24V	24 ~ 36V	36 ~ 48V	40 ~ 57V
	Rated Current	4.2A	2.5A	1.65A	1.2A	1.05A
	Current Tolerance	-5% ~ +5%				
	Rated Power	50.4W	60W	59.4W	57.6W	59.85W
	Ripple & Noise(Max.)	200mV	200mV	250mV	250mV	250mV
	Efficiency at 240Vac (Typ.)	86%	88%	88%	89%	89%
	DC Dimming	DC 1 - 10V or Electronic Potentiometer 1 - 10V				
	PWM Dimming	Puls: Hi = 10V Low = 0V, Duty:10% - 100%, Fsw 0.5 - 3KHz				
	Resistance Dimming	10K - 100KΩ				
Set up time (Max.)	< 2000ms at full load					
Input	Voltage Range	90 ~ 305V AC				
	Rated Voltage	100 ~ 240V AC / 277V AC (for North America)				
	Frequency Range	47 ~ 63 Hz				
	AC Current (Max.)	0.8A at 100 ~ 240V AC / 0.4A at 277V AC (for North America)				
	Power Factor	With full load: ≥ 0.98 at 120 V AC / ≥ 0.94 at 240V AC / ≥ 0.92 at 277V AC				
	Inrush Current (Max.)	COLD START 45A at 240V AC				
	Leakage Current	< 0.5mA / 240V AC				