

Model: RS45P 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.	RS45P-24C(A)	RS45P-36C(A)	RS45P-48C(A)	RS45P-57C(A)	
Output	DC Voltage	24V	36V	48V	57V
	Constant Current Region	15 ~ 24V	24 ~ 36V	36 ~ 48V	40 ~ 57V
	Rated Current	1.85A	1.25A	1A	0.7A
	Current Tolerance	-5% ~ +5%			
	Rated Power	44.4W	45W	48W	40W
	Ripple & Noise (Max.)	200mV	250mV	250mV	250mV
	Efficiency at 240Vac (Typ.)	87%	87%	88%	88%
	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.)	0.55A at 100 ~ 240V AC / 0.25A at 277V AC (for North America)			
	Power Factor	With full load: ≥ 0.98 at 120 V AC / ≥ 0.93 at 240V AC / ≥ 0.9 at 277V AC			
	Inrush Current (Max.)	COLD START 45A at 240V AC			
	Leakage Current	< 0.5mA / 240V AC			