

S-800 800W Switch Power Supply

Project	Technical Parameters					
DC Output Voltage	12V	24V	27V	36V	48V	70V
Rated Output Current	60A	33.3A	29.6A	22.2A	16.6A	11.4A
Rated Output Power	720W	800W	800W	800W	800W	800W
Ripple and Noise	<150mV	<240mV	<240mV	<240mV	<240mV	<240mV
Output Voltage Accuracy	±1%					
Output Voltage Adjustable Range	±10%					
load Regulation	<±1.2%	<±1%	<±1%	<±1%	<±0.5%	<±0.5%
Line Regulation	<±1%					
Output Overload Protection	105%-135% Type: constant current output +VO Drop to undervoltage point cut off the output Reset: Reconnect the input					
Output Over-Voltage Protection	115%-145%					
Output undervoltage protection	40%-45%VOUT					
Efficiency (typical)	>81%	>83%	>83%	>83%	>84%	>85%
Over temperature protection	RTH3: ≥70°C the fan runs fast ≥90°C shut down the output (18V-48V)					
Input voltage range	90-132VAC/180-264VAC 47Hz~63Hz; 254VDC~370VDC					
Input inrush current	110VAC 25A, 220VAC: 50A					
Maximum input working current	<13A 115VAC <7.5A 230VAC					
Set-Up/Rise/Hold-Up Time	200ms、50ms、20ms : 230VAC					

Dielectric Hipot	Input-output:1.5KVAC input-shell:1.5KVAC Output-shell:0.5KVAC for 1 min
Leakage Current	Input-output at 1.5KVAC Leakage Current<6mA
Leakage Current	Input-output at 220VAC Leakage Current<1.5mA
Isolation Resistance	Input-output,input-shell,output-shell: 500VDC/100MΩ
Working temperature and humidity	-10℃~+50℃; 20%~90RH
storage temperature and humidity	-20℃~+85℃; 10%~95RH
size	241*125*65mm
Net weight / gross weight	1268/1358g

Wiring diagram

