

Enclosed Switching Power Supply

75 & 320 Watts

S-320 Series - Single Output

FEATURES

AC input range selected by switch
 Forced air cooling by built-in DC fan
 Fixed switching frequency at 90KHz
 Cooling fan ON/OFF auto control

Protections: Short circuit / OLP / OVP / OTP
 Approvals: UL/CUL
 100% full load burn-in test
 2 year warranty



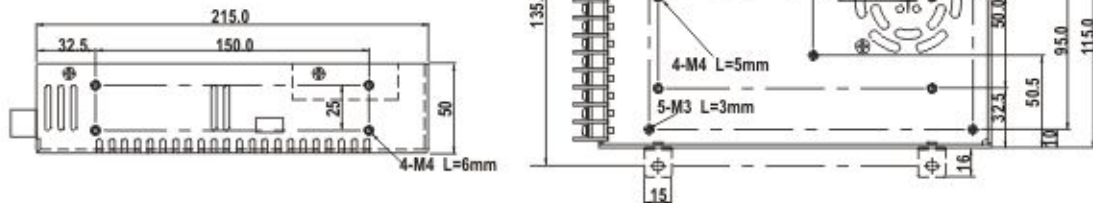
SPECIFICATIONS

Input voltage..... 88~132VAC/176~264 selected by SW.
 Input frequency..... 47-63Hz
 Output voltage..... See Model List ($\pm 10\%$ ADJ.)
 Inrush current..... Cold start, 20A/115V, 40A/230V
 O.L.P. 105%~135% hiccup mode, auto-recovery
 O.V.P. 115%~145% rated output voltage
 Setup, rise, hold up time..... 2s, 20ms, 20ms/230VAC
 Withstand voltage..... I/P-O/P: 3KV, I/P-FG: 1.5KV, 1min.
 Working temp..... 0-40°C@100%, -10°C@80%, 60°C@60%
 (24V&48V: 0-50°C@100%, 60°C@60%)
 Safety standard..... UL60950-1
 Connection..... 9P/ 9.5mm pitch terminal block with cover
 Weight/packing..... 1.08kgs; 12pcs/13.8kgs/0.98CUFT
 Dimension..... 215 X 115 X 50 mm

MODEL LIST

Model No.	Output	Tolerance	R&N	Eff.
S-320-5	5VDC/50A	$\pm 2\%$	150mV	77%
S-320-7.5	7.5VDC/36A	$\pm 2\%$	150mV	80%
S-320-12	12VDC/25A	$\pm 1\%$	150mV	82%
S-320-13.5	13.5VDC/22A	$\pm 1\%$	150mV	83%
S-320-15	15VDC/20A	$\pm 1\%$	150mV	84%
S-320-24	24VDC/12.5A	$\pm 1\%$	150mV	86%
S-320-27	27VDC/11A	$\pm 1\%$	200mV	86%
S-320-48	48VDC/6.5A	$\pm 1\%$	240mV	87%

Mechanical Drawing: (mm)



SP-75 Series - Single Output With PFC

FEATURES

Universal AC input/ full range
 PF>0.96 @ 115VAC; >0.93 @ 230VAC
 Thin profile: 33mm thickness
 Remote ON/OFF control (option)

ProtectionS: Short circuit/ OLP / OVP
 Approvals: UL/CUL/TUV/CB/CE
 Open frame mode available (option)
 3 years warranty



SPECIFICATIONS

Input voltage..... 85~264VAC; 120~370VDC
 Input frequency..... 47-63Hz
 Inrush current..... Cold start, 40A at 230VAC
 O.L.P. 105%~150% constant current, Auto recovery
 O.V.P. 115%~135% rated output voltage
 Withstand voltage..... I/P-O/P: 3KV, I/P-FG: 1.5KV, 1 min.
 Working temp..... -10~60°C (refer to output derating curve)
 Safety standard..... UL60950-1, TUV EN60950-1
 EMC standard..... EN55022 class B, EN61000-3-2,3
 EN61000-4-2,3,4,5,6,8,11, ENV50204
 Connection..... 5P/9.5mm pitch terminal block with cover
 Weight/packing..... 0.58kgs; 20pcs/12.0kgs/0.64CUFT
 Dimension..... 179 X 99 X 33 mm

MODEL LIST

Model No.	Output	Tolerance	R&N	Eff.
SP-75-3.3	3.3VDC/15A	$\pm 2\%$	80mV	68%
SP-75-5	5VDC/15A	$\pm 2\%$	80mV	72%
SP-75-7.5	7.5VDC/10A	$\pm 2\%$	80mV	74%
SP-75-12	12VDC/6.3A	$\pm 2\%$	80mV	77%
SP-75-13.5	13.5VDC/5.6A	$\pm 2\%$	80mV	78%
SP-75-15	15VDC/5A	$\pm 2\%$	80mV	79%
SP-75-24	24VDC/3.2A	$\pm 1\%$	100mV	80%
SP-75-27	27VDC/2.8A	$\pm 1\%$	100mV	80%
SP-75-48	48VDC/1.6A	$\pm 1\%$	100mV	80%

Mechanical Drawing: (mm)

