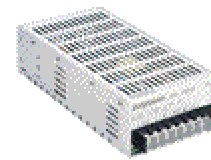


ENCLOSURE

SPS-150P Series

150W, Single Output, Active P.F.C Fuction



198 x 99 x 50mm
7.80 x 3.90 x 1.97inch



FEATURES

- * Safety Standard:
Approved: UL60950/ CSA C22.2 No 60950 / TUV EN 60950/ IEC 60950/ EMKO-TSE 207/94
- * EMI: FCC CFR47 Part 15 Class B/ EN50081-1/ CNS 13438 Class B EMS: EN50082-1
- * Active power factor correction: >0.99@115V; >0.97@230V
- * Universal full range AC input
- * Over load, over voltage & short circuit protection
- * Over temperature protection (optional)
- * Remote Control ON/OFF (Option)
- * Non min. load requirement
- * Output voltage $\pm 10\%$ adjustment
- * Built-in EMI filter, low ripple noise
- * 100% 50°C burn-in test.
- * 2 years warranty

AMBIENT

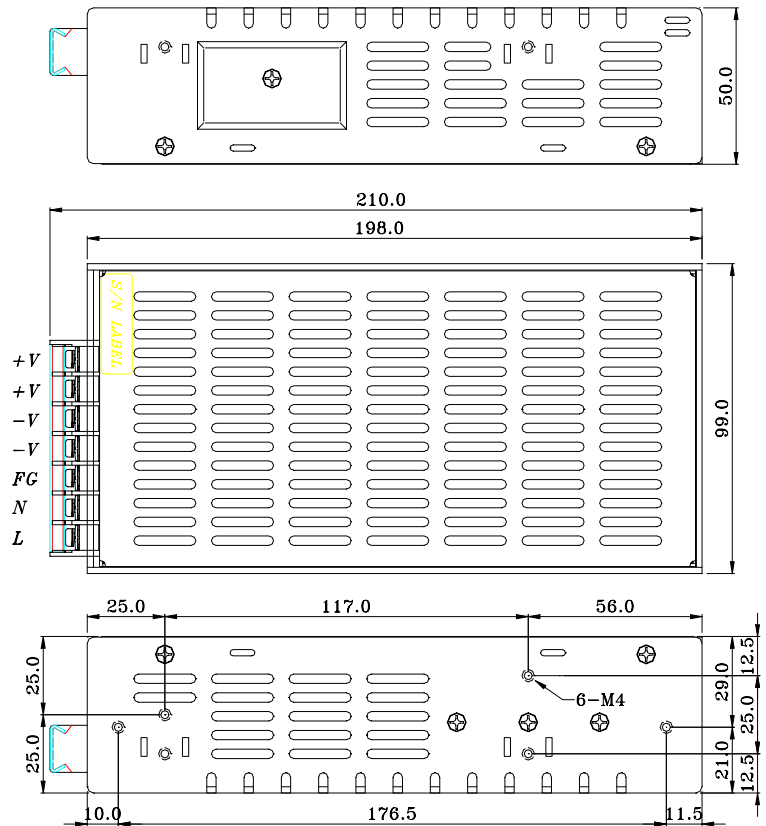
- * Operating temperature range: 0-70°C;
De-rating factor 50°C ~70°C: 2.5%/°C
- * Storage temperature: -10 to +75°C
- * Humidity: Operation: 20% to 85% RH.(Non condensing)
Storage: 10% to 95% RH.(Non condensing)
- * MTBF: >200,000 hours

INPUT

- * Universal full range 85-264VAC or 120-375VDC
- * AC Frequency: 47-63Hz
- * Current: <2.2A@100V
- * Inrush current: <35A@115V, <70A@230V
Cold start at 25°C ambient
- * Leakage current: $\leq 1.5\text{mA}@AC 264V$

OUTPUT

- * Rise time: $\leq 20\text{ms}$
- * Setup time: $\leq 2S$
- * Hold up time: 20ms@230VAC



MODEL NO.:	SPS-150P-3.3	SPS-150P-05	SPS-150P-7.5	SPS-150P-12	SPS-150P-15	SPS-150P-24	SPS-150P-27	SPS-150P-48
VOLTAGE	3.3V	5 V	7.5 V	12V	15V	24V	27V	48V
MAX. LOAD	30A	30 A	20 A	12.5 A	10 A	6.3 A	5.6 A	3.2 A
REGULATION	$\pm 3\%$	$\pm 2\%$	$\pm 2\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
RIPPLE & NOISE(MAX.)	50mV	70mV	80mV	100mV	120mV	150mV	180mV	250mV
EFFICIENCY(TYP.)	69%	75%	77%	80%	80%	83%	84%	84%
OUTPUT	100W	150W						