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SPS-S060 Series

60W Single Output



99 x 82 x 35 mm

3.9 x 3.23 x 1.38 inch



(48V output with CE mark only)

| Features: | Application: |
|-----------------------------------------------------------------|-----------------------------------------------|
| * Light weight, compact size | * 19" Rack-Mount (Industrial computer system) |
| * Green-mode designing, meet IEA standard<0.75W (standby state) | * Industrial control system |
| * Power ON with LED indicator | |
| * Built-in EMI filter, low ripple noise | |
| * Over load, over voltage & short circuit protection | |
| * Non min. load requirement | |
| * Output voltage $\pm 10\%$ adjustment | |
| * 100% 50°C burn-in test | |
| * UL, cUL, TUV, CB, CE approved (48V output with CE mark only) | |

Specification:

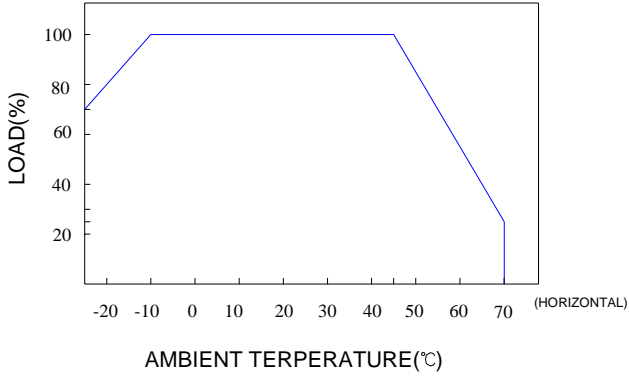
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|--------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|-------------|-------------|-------------|--|
| INPUT | Voltage | 85V ~ 264VAC or 120V ~ 375VDC Universal full range | | | | | | |
| | Frequency | 47 ----- 63 Hz | | | | | | |
| | Current | <1.8A@100V AC input, full load condition | | | | | | |
| | Inrush Current | <30A@115V , <60A@230V AC input, Cold start at 25°C ambient | | | | | | |
| | Leakage Current | <1.5mA@264V AC input | | | | | | |
| OUTPUT | MODEL No. | SPS-S060-05 | SPS-S060-7.5 | SPS-S060-12 | SPS-S060-15 | SPS-S060-24 | SPS-S060-48 | |
| | Voltage | 5V | 7.5V | 12V | 15V | 24V | 48V | |
| | Min. Load | 0A | 0A | 0A | 0A | 0A | 0A | |
| | Max. Load | 10A | 6.7A | 5A | 4A | 2.5A | 1.25A | |
| | Regulation | $\pm 2\%$ | $\pm 2\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | $\pm 1\%$ | |
| | Ripple Noise (MAX.) | 50mV | 75mV | 120mV | 150mV | 240mV | 480mV | |
| | Efficiency (TYP.) | 74% | 75% | 77% | 78% | 80% | 80% | |
| | Output (MAX) | 50W | 50W | 60W | 60W | 60W | 60W | |
| PROTECTION | Over Voltage | 5.8~7.0V | 8.6~10.5V | 13.8~17.5V | 17.3~21.0V | 27.6~33.6V | 55.2~64.8V | |
| | Over Load | Over 105% ~ 180% of rating, shutdown and auto recovery when fault condition has been removed. | | | | | | |
| | Over circuit | Shutdown and auto recovery when short circuit condition has been removed. | | | | | | |
| ELEC. CHAR. | Rise time | <20mS | | | | | | |
| | Hold up time | >16.7mS@115V , >60mS@230V | | | | | | |
| | Setup time | <800mS@115V , <300mS@230V, | | | | | | |
| | Green mode function | When NO load, the input dissipation is < 0.75W | | | | | | |
| ENVIRONMENT | Temperature | Operating: -25 ~ 70°C ; De-rating: -10 ~ -25°C: 3.0%/°C, 45 ~ 70°C: 3.0%/°C ; Storage: -40 ~ 85°C | | | | | | |
| | Humidity | Operating: 20% ~ 85%; Storage: 10% ~ 95% (non condensing) | | | | | | |
| SAFETY & EMC | Safety standard | UL 60950-1 st , CSA C22.2 No.60950-1 st TUV EN 60950-1 : 2001 + A11 , IEC 60950-1 st , EMKO-TSE(74-SEC)207/94 approved. (SPS-S060-48 only meet standard) | | | | | | |
| | EMI | EN 55022 CLASS B , FCC CFR 47 PART 15 CLASS B, CNS 13438 CALSS B. | | | | | | |
| | EMS | EN 55024 : EN 61000-4-2,3,4,5,6,8,11 | | | | | | |
| OTHERS | Cooling | Natural Cooling. | | | | | | |
| | M.T.B.F. | 435K hours | | | | | | |
| | Packing | N.W.: 0.39Kg / 1pc; 46pcs/ 1.22 Cu ft ³ / 1 CTN | | | | | | |
| NOTES: | Original model No. is SPS-050 Ser. and SPS-060 Ser. | | | | | | | |



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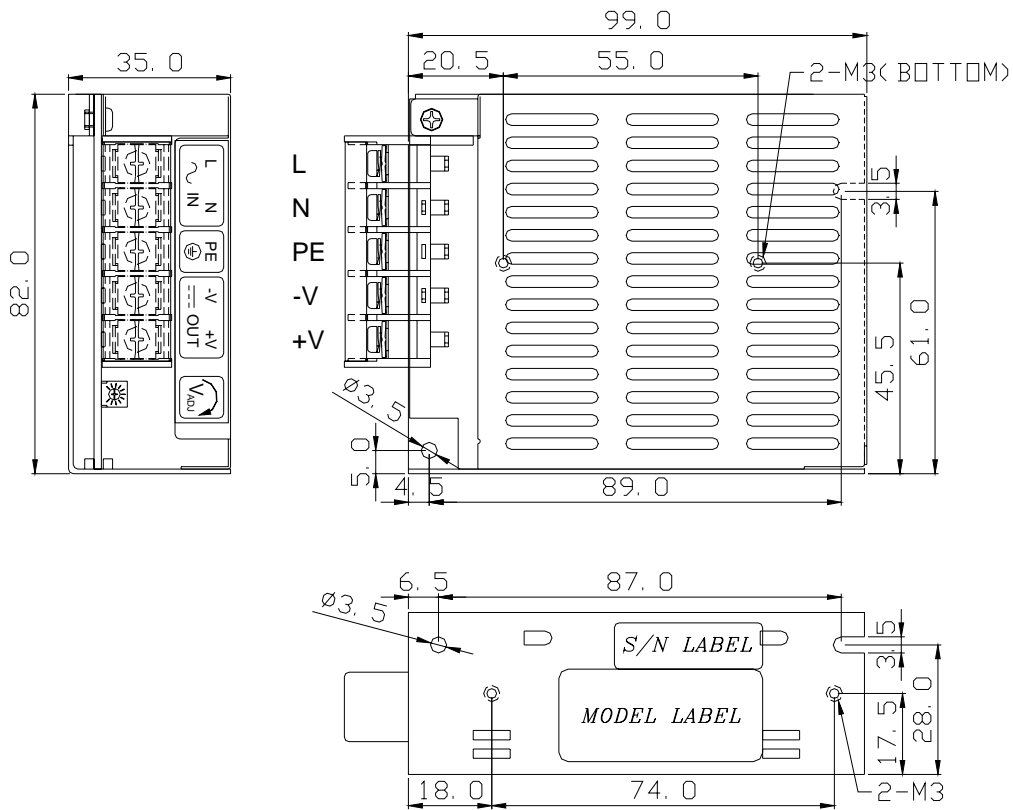
SPS-S060 Series

Derating Curve :



Dimension:

(Unit: mm)



NOTES:

TERMINAL BLOCK: 5P, PITCH 9.5mm WITH PC COVER.