

LSP18-24

Series name

Total output wattage

Output voltage combination

Features:

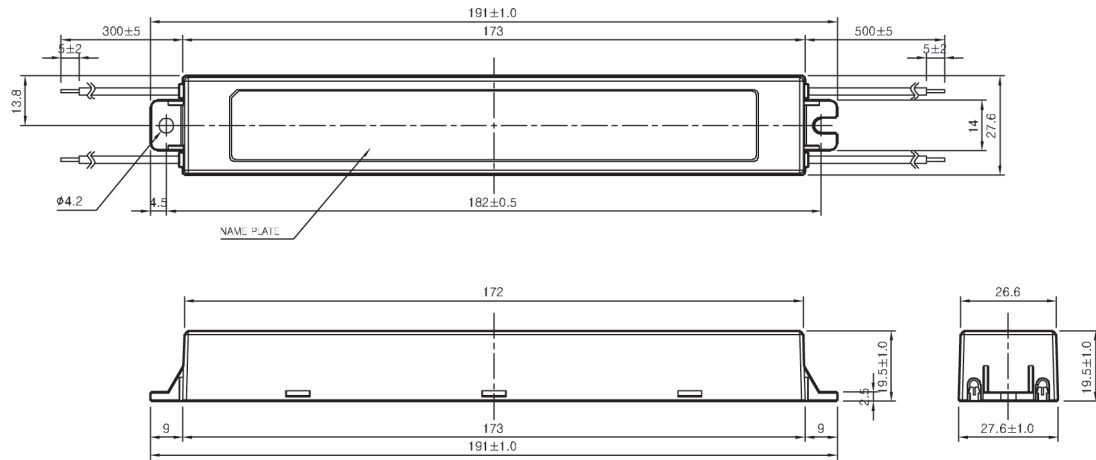
- 18 Watt
- Slim type
- Fully isolated plastic case
- Indoor LED lighting
- Over current protection
- LED displays
- 3 year warranty



LSP18-S Specifications

| MODEL | | 24 | 36 | 48 |
|-----------------------|---|---|----------------------------|-------------|
| INPUT | VOLTAGE, FREQUENCY | AC 100-240V (AC 85 ~ 264V or DC 125 ~ 370V) 50/60Hz (47 ~ 63Hz), Universal input | | |
| | CURRENT [A] | 110V | 0.2 (I ₀ =100%) | |
| | | 220V | 0.1 (I ₀ =100%) | |
| | EFFICIENCY [%] | 110V | 85 typ | 85 typ |
| 220V | | 85 typ | 85 typ | 85 typ |
| INRUSH CURRENT | | 10A typ (AC IN 110V I ₀ =100%), 10A typ (AC IN 220V, I ₀ =100%) at cold start | | |
| OUTPUT | VOLTAGE [V] | 24 | 36 | 48 |
| | CURRENT [A] | 0.75 | 0.5 | 0.37 |
| | CURRENT ADJ RANGE [A] | 0.37 ~ 0.75 | 0.25 ~ 0.5 | 0.18 ~ 0.37 |
| | LED FORWARD VOLTAGE [V] | 21.6 ~ 24 | 32.4 ~ 36 | 43.2 ~ 48 |
| | REGULATION, LINE [mV] | 25 Max | 20 Max | 20 Max |
| | REGULATION, LOAD [mV] | - | - | - |
| | RIPPLE MAX [mV] | 14 Max | 14 Max | 39 Max |
| | RIPPLE NOISE MAX [mV] | 26 Max | 26 Max | 55 Max |
| | TEMPERATURE DRIFT [mV] | - | - | - |
| | RISE TIME [ms] | 1000 Max (AC IN 110V I ₀ =100%) | | |
| HOLDING TIME [ms] | 8 typ (AC IN 110V I ₀ =100%) | | | |
| FUNCTION | OVER CURRENT PROTECTION | Works at 95 ~ 110% of rating | | |
| | OVER VOLTAGE PROTECTION | - | | |
| ELECTRICALLY ISOLATED | INPUT-OUTPUT | AC 3,750V 1 minute current 20 mA, DC 500V 100MΩ (At room temperature & humidity) | | |
| | INPUT-CASE, FG | - | | |
| | OUTPUT-CASE,FG | - | | |
| ENVIRONMENT | OPERATING TEMP AND HUMID | -10 ~ +50°C (Required derating), 20 ~ 90% RH (Non condensing) | | |
| | STORAGE TEMP AND HUMID | -20 ~ +75°C, 20 ~ 95% RH (Non condensing) | | |
| | VIBRATION | 10 ~ 55Hz at 1G, 3 minute period, 30 minutes along X, Y and Z axis | | |
| | IMPACT | 10G for 20ms, once on each X, Y and Z axis | | |
| SAFETY | - | Complies with UL, C-UL, CE | | |
| | CONDUCTED EMISSION | Complies EMI meets FCC CLASS B | | |

LSP18-S External View



- * Weight : 104.5g
- * Tolerance : ± 1

Data sheets subject to change without notice, please check with our sales office before ordering.

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