

LSP18 Series 14 Watt Constant Current AC/DC LED Drivers

FEATURES

- 90 - 264 VAC Universal Input
- Constant Current Design
- Over Voltage and Over Power Protections
- Over Temperature and Short Circuit Protections
- Line Fuse Protection
- High Reliability
- Long Life
- 100% Hi-Pot Test
- 100% Burn-In Test
- Meets EN55015 and EN61347-2-13
- Class II and CE Compliant



GENERAL SPECIFICATIONS

Input Voltage	90 to 264VAC
Input Frequency	47 to 63Hz
Input Power Factor	PF ≥ 0.95 @ 100VAC
Input Current	0.18A typ @ 100VAC / 0.10A typ @ 220VAC
Inrush Current	30A max.*
Leakage Current	0.25mA max @ 240VAC, 50Hz
MTBF	100,000 hours @ 25°C ambient
Operating Temperature	-20°C to 60°C
Storage Temperature	-20°C to 85°C
Dimensions (LxWxH)	6.10 x 1.10 x 0.67 inches

* At 25°C cold start, max. load @ 242VAC

STANDARDS AND APPROVALS

Safety Compliance:

Designed to meet Class II and CE

EMI Standards:

Designed to meet EN55015 and EN61347-2-13

EMS Standards:

IEC-61000-4-2, 8KV (Criteria B)

IEC-61000-4-4, 1KV (Criteria B)

IEC-61000-4-5, 1KV (Criteria B)

LSP18 MODELS

MODEL	LSP18-46-350	LSP18-28-500	LSP18-28-600
Output Power	16 W	14 W	16 W
Output Voltage	22.5V - 46V	21V - 28V	21V - 28V
Output Current	350mA	500mA	600mA
Efficiency	78%	80%	80%

MECHANICAL DRAWING

