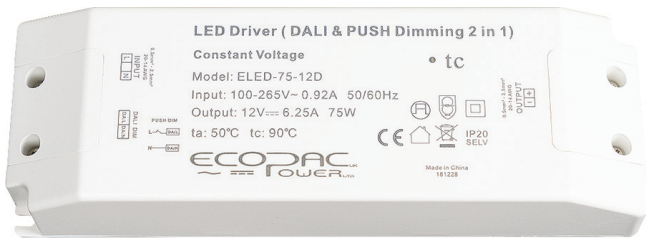


# ELED-75-D Series

75W DALI & Push Dimmable LED Driver

## Features:

- Constant voltage/ PWM Output
- DALI & Push dimming function
- AC input: 100-265VAC
- Built-in active PFC function
- Efficiency up to 87%
- Protections: Short circuit/ Over load/ Over temperature
- Cooling by free air convection
- IP20 design for indoor installation.
- Suitable for intelligent LED lighting



## Models

### ELED-75-12D

### ELED-75-24D

## Output Specifications

|                   |        |       |
|-------------------|--------|-------|
| Output Voltage    | 12V    | 24V   |
| Voltage Tolerance | ± 0.5% |       |
| Output Current    | 6.25A  | 3.12A |
| Rated Power       | 75W    |       |
| Load Regulation   | ± 2%   |       |

## Input Specifications

|                             |                               |     |
|-----------------------------|-------------------------------|-----|
| Input Voltage               | 200-240VAC                    |     |
| Frequency Range             | 47-63Hz                       |     |
| Inrush Current              | 56A (Twidth=260µs 230VAC)     |     |
| Full Load Efficiency (Typ.) | 87%                           | 86% |
| AC Current (Max.)           | 0.55A                         |     |
| Leakage Current             | <0.50mA                       |     |
| Power Factor                | PF>0.95/230VAC (Full Loading) |     |

## Protection

|                  |  |
|------------------|--|
| Short Circuit    | Constant current mode, recovers automatically after fault condition is removed           |
| Over Loading     | ≤120% constant current limiting, recovers automatically after fault condition is removed |
| Over Temperature | 100°C± 10°C  |
| Protection Class | II   |

## Environment

|                     |                                     |
|---------------------|-------------------------------------|
| Working Temperature | -40~+60°C (Refer to derating curve) |
| Working Humidity    | 20-95% RH, non-condensing           |

# ELED-75-D Series

75W DALI & Push Dimmable LED Driver

## Safety & EMC

|                               |  |
|-------------------------------|--|
| Storage Temperature, Humidity | -40~+80°C, 10-95% RH   |
| Temperature Coefficient       | ±0.03%/°C (0-50°C)   |
| Vibration                     | 10-500Hz, 5G 10min./ 1 cycle, period for 60min.each along X, Y, Z axes |

## Safety & EMC

|                      |   |
|----------------------|---|
| Safety standards     | EN61347-1, EN61347-2-13, EN62493, IP20                      |
| Withstand voltage    | I/P-O/P:3.75KVAC  |
| Isolation resistance | I/P-O/P:100MΩ/500VDC/25°C/70%RH                             |
| EMC Emission         | Compliance to EN55015, EN61000-3-2, EN61000-3-3 (≥60% load) |
| EMC Immunity         | Compliance to EN61000-4-2,3,4,5,6,11, EN61547               |

## Other Specifications

|         |  |
|---------|--|
| Weight  | 0.48Kg                                     |
| Size    | 180 x 60 x 35 mm                           |
| Packing | 355 x 215 x 215 mm (20PCS/CTN, 11 Kg/CTN)) |

## Mechanical Specifications

