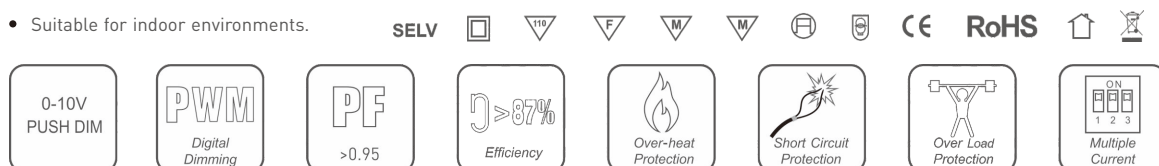
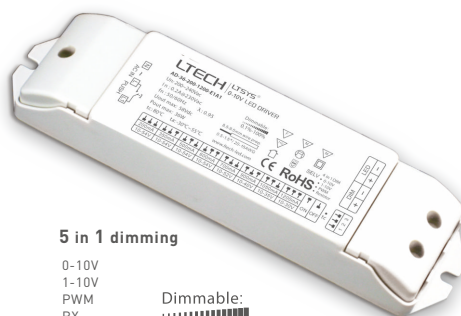


LED Intelligent Driver

2~36W 200~1200mA 10~54Vdc

- Dimming interface: 0-10V (1-10V/PWM/RX), Push Dim.
- Built-in high performance MCU, dimming curve can be customized.
- PWM digital dimming, no alter LED color rendering index.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Multiple current, wide voltage, compatible with a variety of LED lights.
- Non-load output voltage 0V to prevent damages to LED caused by poor contact.
- Short circuit / Over-heat / Over load / Non-load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



Main Characteristics

Dimming Interface: 0-10V (1-10V/PWM/RX), Push Dim

Input Voltage Range: 200-240Vac $\pm 10\%$

Frequency: 50/60Hz

Input Current: 0.25A@180Vac, 0.20A@230Vac

Power Factor: PF>0.95/230Vac, at full load

THD: $\leq 15\%$ at 230Vac, at full load

Efficiency: >87%

Inrush Current[typ.]: Cold start 25A at 230Vac

Control Surge Capability: L-N: 1kV

Leakage Current: <0.5mA/230Vac

Operating Voltage: 10-54Vdc

Output Power Range: 2W~36W

Current Accuracy: $\pm 3\%$

Max Output Voltage: Max. 58Vdc

Non-load Output Voltage: 0Vdc

Dimming Range: 0~100%, LED start at 0.1% possible.

PWM Frequency: $\leq 4\text{KHz}$

Working Temperature: tc: 80°C ta: -30°C ~ 55°C

Working Humidity: 20 ~ 95%RH, non-condensing

Storage Temp., Humidity: -40 ~ 80°C, 10~95%RH

Temp. Coefficient: $\pm 0.03\%/^{\circ}\text{C}$ (0-50°C)

Vibration: 10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

Output Current :	200mA	350mA	500mA	600mA	700mA	900mA	1050mA	1200mA
Output Voltage :	10-54V	10-54V	10-54V	10-54V	10-52V	10-40V	10-35V	10-30V
Output Power :	2W-10.8W	3.5W-18.9W	5W-27W	6W-32.4W	7W-36.4W	9-36W	10.5-36.75W	12-36W

Protection

Over-heat Protection: Shut down the output when PCB temp. $\geq 110^{\circ}\text{C}$, auto recovers when temp. back to normal.

Over Load Protection: Shut down the output when rated power $\geq 102\%$ ~125%, auto recovers when the load is reduced.

Short Circuit Protection: Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

Non-load Protection: Shut down the output if no load, auto recovers when load back to normal.

Safety & EMC

Withstand Voltage: I/P-O/P: 3750Vac

Isolation Resistance: I/P-O/P: 100M Ω /500VDC/25°C/70%RH

Safety Standards: IEC/EN61347-1, IEC/EN61347-2-13

EMC Emission: EN55015, EN61000-3-2 Class C, IEC61000-3-3

EMC Immunity: EN61000-4-2,3,4,5,6,8,11 EN61547

Others

Dimension: 167 \times 39 \times 30mm(L \times W \times H)

Packing: 168 \times 41 \times 32mm(L \times W \times H)

Weight[G.W.]: 165g \pm 10g

Dimensions

Unit: mm

