

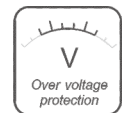
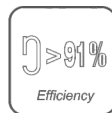
LED Intelligent Driver

150W 12.5A 12V DC

- Dimming interface: DMX512/RDM, Push DIM.
- With the RDM remote device management protocol.
- Supports remote management of reading or writing DMX address.
- PWM digital dimming, no alter LED color rendering index.
- High frequency PWM dimming, no flicker in video camera.
- Dimming, range: 0~100%, LED start at 0.1% possible.
- Power factor > 0.99, Efficiency > 91%.
- Short circuit / Over-temperature / Over load / Over voltage protection.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.



SELV



Main Characteristics

Dimming Interface:	DMX/RDM, Push DIM
Input Voltage Range:	100-240Vac $\pm 10\%$
Frequency:	50/60Hz
Input Current:	115Vac $\leq 1.95A$, 230Vac $\leq 0.8A$
Power Factor:	PF > 0.99/115Vac, PF > 0.95/230Vac, at full load
THD:	$\leq 5\%$ at 115Vac, $\leq 8\%$ at 230Vac (full load)
Efficiency:	$\geq 91\%$
Inrush Current(typ.):	Cold start 60A at 230Vac
Leakage Current:	I/P-O/P: <0.5mA/230Vac, I/P-GND: <0.75mA/230Vac
Output Current:	Max. 12.5A
Output Voltage:	12Vdc

Output Voltage Range:	12Vdc $\pm 0.5Vdc$
Ripple & Noise:	$\leq 200mV$
Output Power:	Max. 150W
Overload Power Limitation:	1.02-1.25
Dimming Range:	0~100%, LED start at 0.1% possible.
Working Temperature:.	tc: 85°C ta: -30°C ~ 60°C
Working Humidity:	20 ~ 95%RH, non-condensing
Storage Temp., Humidity:	-40 ~ 80°C, 10~95%RH
Temp. Coefficient:	$\pm 0.03\%/^{\circ}C$ [0-50°C]
Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

Protection

Over Temp. Protection:	Ambient Temp. $\geq 65\sim 75^{\circ}C$, recovers automatically after fault condition is removed
Over Voltage Protection:	No Load Voltage $\geq 13\sim 18V$, re-power on to recover after fault condition is removed
Over Load Protection:	Current Load $\geq 102\%\sim 125\%$, recovers automatically after fault condition is removed
Short Circuit Protection:	Recovers automatically after fault condition is removed.

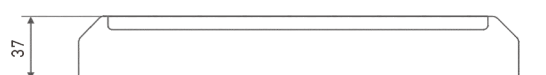
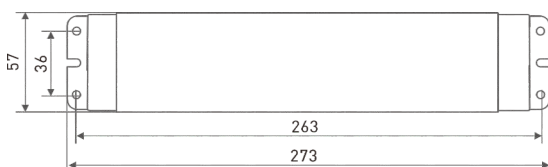
Safety & EMC

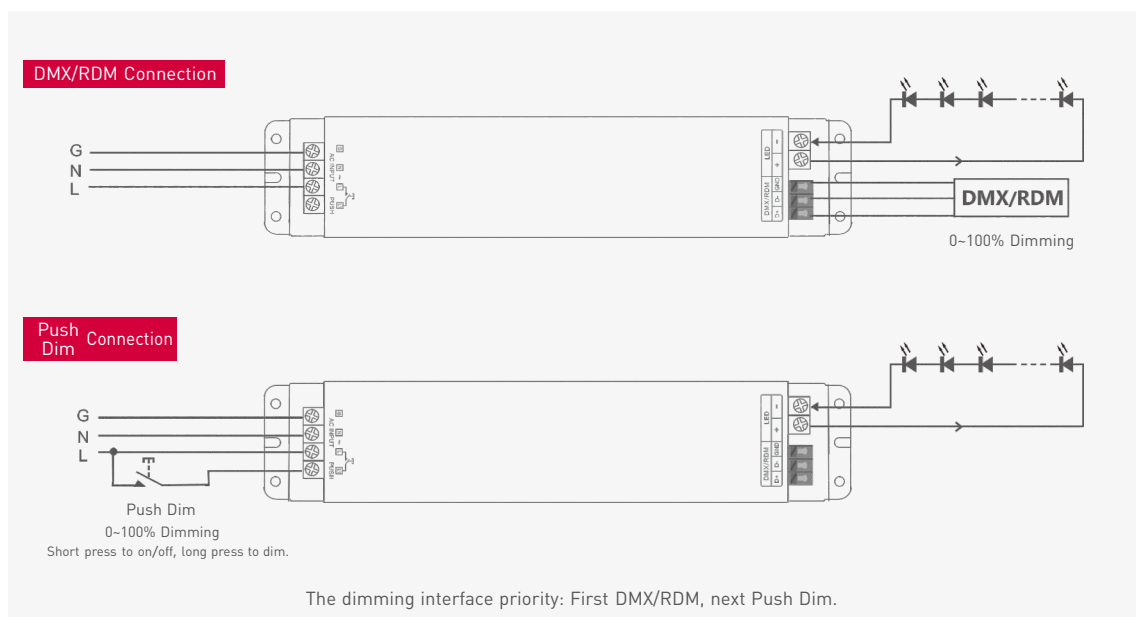
Withstand Voltage:	I/P-O/P: 3750Vac I/P-GND: <1800Vac
Isolation Resistance:	I/P-O/P: 100M Ω /500VDC/25°C/70%RH
Safety Standards:	IEC/EN61347-1, IEC/EN61347-2-13
EMC Emission:	EN55015, EN61000-3-2 Class C, IEC61000-3-3
EMC Immunity:	EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547

Others

Dimension:	273 \times 57 \times 37mm [L \times W \times H]
Packing:	278 \times 59 \times 42mm [L \times W \times H]
Weight(G.W.):	750g \pm 10g

Dimensions





Push Dimming



Reset Switch

- On/off control: Short press.
- Stepless dimming: Long press.
- With every other long press, the light level goes to the opposite direction.
- Dimming memory: Brightness will be the same as previously adjusted when turning off and on again.

RDM Mode: The dip switch 1-9 are OFF .



DMX Address Setting:

E.g.1: Set Initial Address To 32.



E.g.2: Set Initial Address To 37.



DMX address value=the total value of (1-9),
To get the place value when in "ON" position,