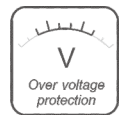## LED Intelligent Driver

150W   6.25A   24V 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 > 93%·
- Short circuit / Over-temperature / Over load / Over voltage protection.
- Compliant with Safety Extra Low Voltage standard.
- Suitable for indoor environments.

SELV   110   F   M   M   CE   RoHS

DMX/RDM PUSH DIM | PWM Digital Dimming | PF >0.99 | >93% Efficiency | Over-heat Protection | Short Circuit Protection | Over Load Protection | Over voltage protection

Main Characteristics

Dimming Interface:	DMX/RDM, Push DIM
Input Voltage Range:	100-240Vac ±10%
Frequency:	50/60Hz
Input Current:	115Vac≤1.95A, 230Vac≤0.8A
Power Factor:	PF>0.99/115Vac , PF>0.95/230Vac, at full load
THD:	≤5% at 115Vac, ≤8% at 230Vac (full load)
Efficiency:	≥93%
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. 6.25A

Output Voltage:	24Vdc
Output Voltage Range:	24Vdc ±0.5Vdc
Ripple & Noise:	≤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: 80°C ta: -30°C ~ 60°C
Working Humidity:	20 ~ 95%RH, non-condensing
Storage Temp., Humidity:	-40 ~ 80°C, 10~95%RH
Temp. Coefficient:	±0.03%/°C(0-50°C)
Vibration:	10~500Hz, 2G 12min./1cycle, period for 72min. each along X, Y, Z axes

Protection

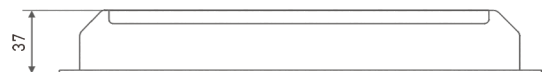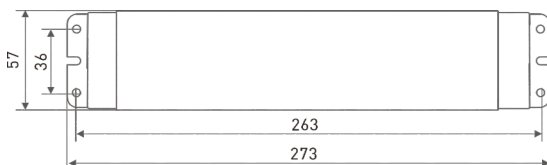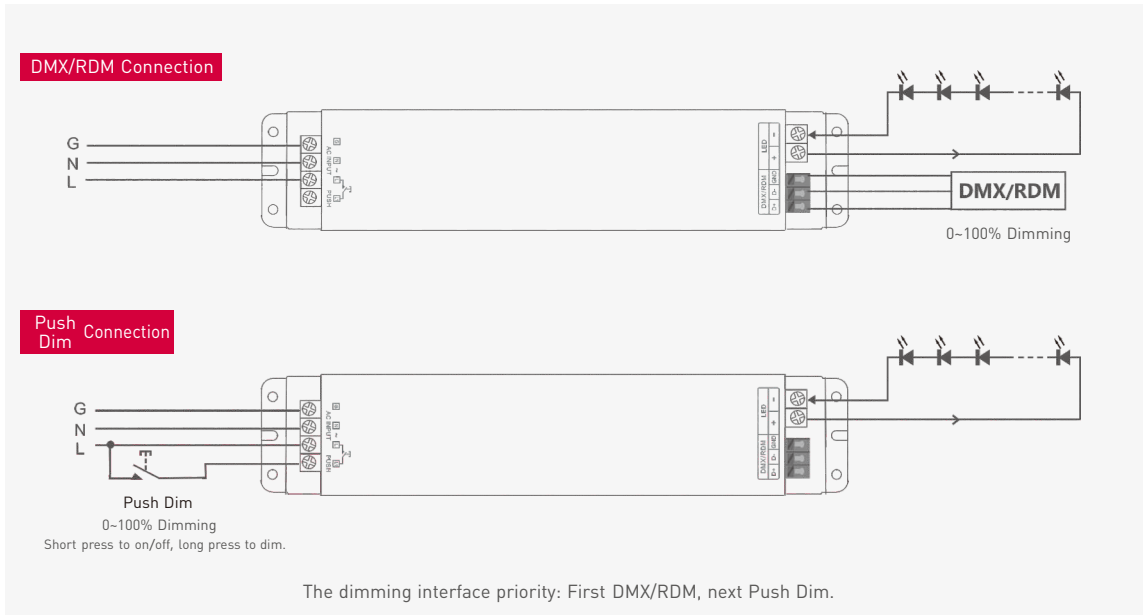|	
Over Temp. Protection:	Ambient Temp.≥65~75°C, recovers automatically after fault condition is removed.
Over Voltage Protection:	No Load Voltage≥26~32V, re-power on to recover after fault condition is removed.
Over Load Protection:	Current Load≥ 102%~125%, recovers automatically after fault condition 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: 100MΩ/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:	273×57×37mm(L×W×H)
Packing:	278×59×42mm(L×W×H)
Weight(G.W.):	750g±10g

Dimensions

57
36
263
273

37

Connections

DMX/RDM Connection

0~100% Dimming

Push Dim Connection

Push Dim
0~100% Dimming
Short press to on/off, long press to dim.

The dimming interface priority: First DMX/RDM, next Push Dim.
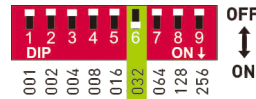
Push Dimming

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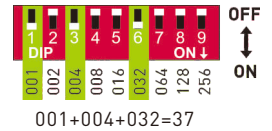
RDM Mode: The dip switch 1-9 are OFF.

DMX Address Setting:

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

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

001+004+032=37

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