

LED Intelligent Driver

60W 200-700mA 10-54Vdc

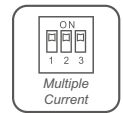
- Dimming interface: DMX512/RDM, RF.
- With the RDM remote device management protocol,
- Supports DMX512 signal bi-directional communication.
- Dimming range: 0~100%, LED start at 0.1% possible.
- Multi-current & wide voltage, suitable for different power LED.
- Power factor > 0.99, Efficiency > 88%.
- Short circuit / Over-temperature / Over load protection.
- Class 2 power supply. Full protective plastic housing.
- Compliant with Safety Extra Low Voltage standard.
- Multi-current & wide voltage, suitable for different power LED.

RDM
DMXDimmable:
0.1%~100%

SELV



RoHS



Main Characteristics

Dimming Interface:	DMX512/RDM
Wireless Signal:	RF 2.4GHz
Input Voltage Range:	100-240Vac ±10%, 140-340Vdc ±10%
Frequency:	0/50/60Hz
Input Current:	115Vac ≤ 0.7A, 230Vac ≤ 0.4A
Power Factor:	PF > 0.99/115Vac, PF > 0.95/230Vac, at full load
THD:	≤ 15% at 115Vac, ≤ 20% at 230Vac, at full load
Efficiency:	> 88%
Inrush Current(tp.):	Cold start 40A at 230Vac
Control Surge Capability:	L-N: 1kV
Leakage Current:	< 0.5mA/230Vac
Operating Voltage:	10-54Vdc

Output Power Range:	[2-15W]×4CH
Current Accuracy:	±5%
Max. Output Voltage:	58Vdc
PWM Frequency:	200Hz-500Hz
Dimming Range:	0~100%, 0.1% dimming depth.
Working Temperature:	ta: -30°C ~ 55°C tc: 80°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

Output Current :	200mA	250mA	350mA	400mA	500mA	550mA	600mA	700mA
Output Voltage :	10-54V	10-54V	10-43V	10-38V	10-30V	10-28V	10-25V	10-22V
Output Power :	[2-10.8W]×4CH	[2.5-13.5W]×4CH	[3.5-15.05W]×4CH	[4-15.2W]×4CH	[5-15W]×4CH	[5.5-15.4W]×4CH	[6-15W]×4CH	[7-15.4W]×4CH

Protection

Over-heat Protection:	Shut down the output when PCB temp. ≥ 110°C, auto recovers when temp. back to normal.
Over Load Protection:	Rated power ≥ 125%, LED driver enter hiccup mode, auto recovers.
Short Circuit Protection:	Shut down automatically if short circuit occurs, auto recovers after faulty condition is removed.

Safety & EMC

Withstand Voltage:	I/P-O/P: 3750Vac
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:	133×89×30mm(L×W×H)
Packing:	135×90×35mm(L×W×H)
Weight[G.W.]:	320g±10g

Dimensions

