

Digital Smart Driver™ AC Power Supply

Digital Smart Driver™ power supplies are specifically engineered to illuminate Light Tape®. Whether it is one piece or ten, it is possible to do it all with one Smart Driver™. There are a variety of models to choose from offering a variety of useful features. A factory representative will advise which model to use based on the total illuminated area, zones, and location.



FEATURES:

- Quiet
- Stylish compact design
- Rated Input Voltage 110/220VAC
- Protection Class 1
- IP Degree 2x
- Worldwide voltage capacity
- Blink and Dimmer Switch
- Visual LED system status indicator
- Lightweight
- Short circuit and overload protection
- Convection Air Cooled
- CE, UL, and CSA compliant
- 0-10 dimming
- DMX 512 compatible

Driver Ranges and Output

Model	Range		Input		Output
	Imperial	Metric	Amps	Watts	Max. Current, A
SD-8000	4000 - 8000 in ²	25,806 - 51,612 cm ²	3.50	420	3.8
BUS -DSD 4000	2000 - 4000 in ²	25,806 - 51,612 cm ²	3.50	420	3.8
DMX-DSD 4000	2000-4000 in ²	12,903 - 25,806 cm ²	1.7	204	2
DMX-DSD 2000	1000-2000 in ²	6451.6 - 12903.2cm ²	1.0	110	1.2
DMX-DSD 1000	400-1000 in ²	2580 - 6451 cm ²	0.9	97	0.32
DMX-DSD 200	1-200 in ²	6.5 - 1290 cm ²	0.5	12	0.022
DSD-200 D	1-200 in ²	6.5 - 1290 cm ²	0.5	12	0.022
DSD 2000	1000-2000 in ²	6451 - 12,903 cm ²	2.8	68	0.91
DSD 1000	400-1000 in ²	2580 - 6451 cm ²	0.9	97	0.32
DSD 400	200-400 in ²	1290 - 2580 cm ²	0.7	17	0.11
DSD 200	1-200 in ²	6.5 - 1290 cm ²	0.5	12	0.022

*Max Vac is 320v at 750hz

Smart Driver™ Safety & Handling

It is important that you operate Light Tape® and Smart Driver Power Supplies within their parameters. Changes to parameters that result in over current will damage the Light Tape® lamp and power supplies.

- Always attach Light Tape® load before powering.
- 250 volts is mid-range and recommended set point.
- The external dimmer switch on Smart Driver™ controls the output voltage and frequency.
- Use a voltage meter to determine volts / hertz from Smart Driver™ to Light Tape®.
- Always set power supply output voltage per factory recommended setting.
Low: 200 volts | Medium: 250 volts | High: 300 volts
- We **DO NOT** recommend exceeding 300 volts. Contact us if the Smart Driver™ is operating outside of range.
- Red LED indicates the following :
 - a.Short Circuit Protection: Check wiring if light is on.
 - b.Overload Protection: Verify that lamp area is acceptable, or for possible damage to lamp.
- Always treat Light Tape® and Smart Driver™ with care and respect as one would with any device where electrical current is present
- Please store in appropriate NEMA enclosure for outdoor/ damp location.
- Please follow local electrical codes.