

FEATURES

100W DC Input Constant Current LED Driver

LSDC-100 Series

- High Efficiency
- Operation From -35°C~50°C
- IP67
- RoHS Compliant
- Certified to CE



SPECIFICATIONS

Model #	Output Current	Output Voltage	No Load Output Voltage ±5%	Ripple & Noise	Efficiency @ 24
LSDC-100S140SS	1400mA	35~72V	75V	0.38V	92%
LSDC-100S175SS	1750mA	35~57V	60V	0.36V	93%
LSDC-100S210SS	2100mA	35~48V	51V	0.33V	93%
LSDC-100S245SS	2450mA	35~41V	44V	0.33V	93%

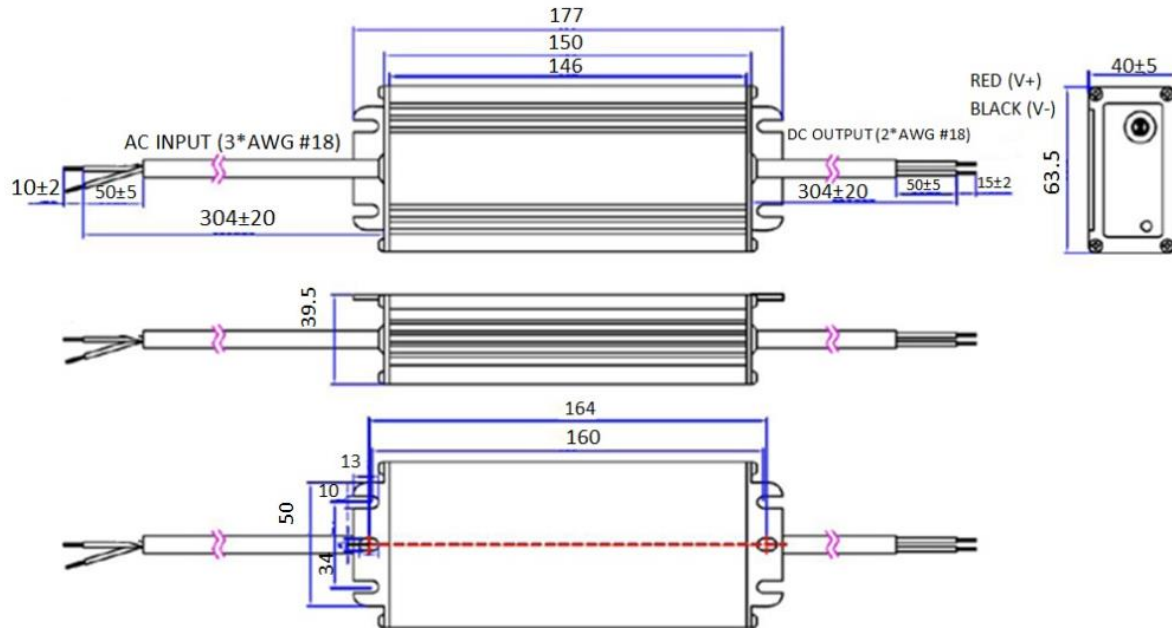
Output	Output Power	100W	
	Set-up Delay Time	0.4~0.6s	
	Line Regulation	3%	
	Load regulation	5%	
Input	Voltage	20~30V	
	Inrush Current	11A Cols start, Vin=24V, Po=100W	
	DC Current (24V)	4.5 A Full load, Vin=24V, Po=100W	
Protections	Over Voltage	1.3 Vo ±5% floating deviation Protection type: Latch mode, recycle AC after resolving problem.	
	Short Circuit	Protection type: Latch mode, recycle AC after resolving problem.	
Environment	Temperature Range	Operational	-35°C ~+50°C
		Storage	-40°C~85°C
	Humidity	Operational	10~100% RH non-condensing
		Storage	5~100% RH
Others	MTBF	100,000 hours	
	Life Time	60,000 hours	
	Dimensions	(L*W*H) 150*65.5*39.5mm Inches (L*W*H) 5.91*2.58*1.56 inches	
	Weight	745 g	



Notes :

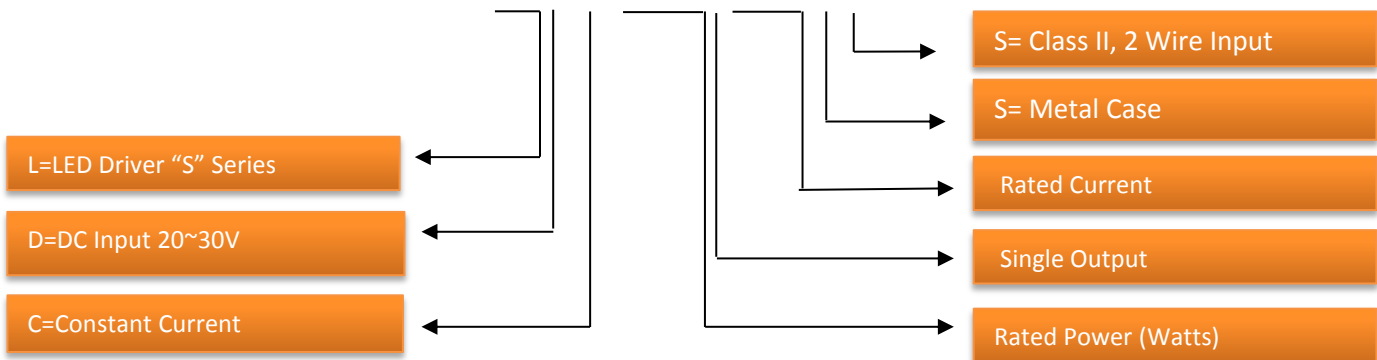
1. All specifications are typical at 25°C unless otherwise stated.
2. The "Efficiency" values are measured at full load, after the unit is thermally stabilized, otherwise they will be lower about 1%.
3. The "Ripple & Noise" values are measured by 20MHz bandwidth oscilloscope and the output paralleled a 0.1uF ceramic capacitor and a 10uF electrolytic capacitor.

Mechanical Specifications



PART NUMBER SCHEME

LSDC-100S210SS



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