

FEATURES

80W DC Input Constant Current

LSDC-080 Series

- High Efficiency
- Operation From -35°C~50°C Full Load
- IP67
- RoHs Compliant
- Certified to UL/cUL



SPECIFICATIONS

Model #	Output Current	Output Voltage	No Load Output Voltage ±5%	Ripple & Noise (3)	Efficiency @ 24 (2)
LSDC-080S105SS	1050mA	35~77V	82V	0.38V	92%
LSDC-080S140SS	1400mA	35~57V	60V	0.36V	92%
LSDC-080S175SS	1750mA	35~46V	49V	0.36V	93%
LSDC-080S210SS	2100mA	35~38V	42V	0.36V	93%

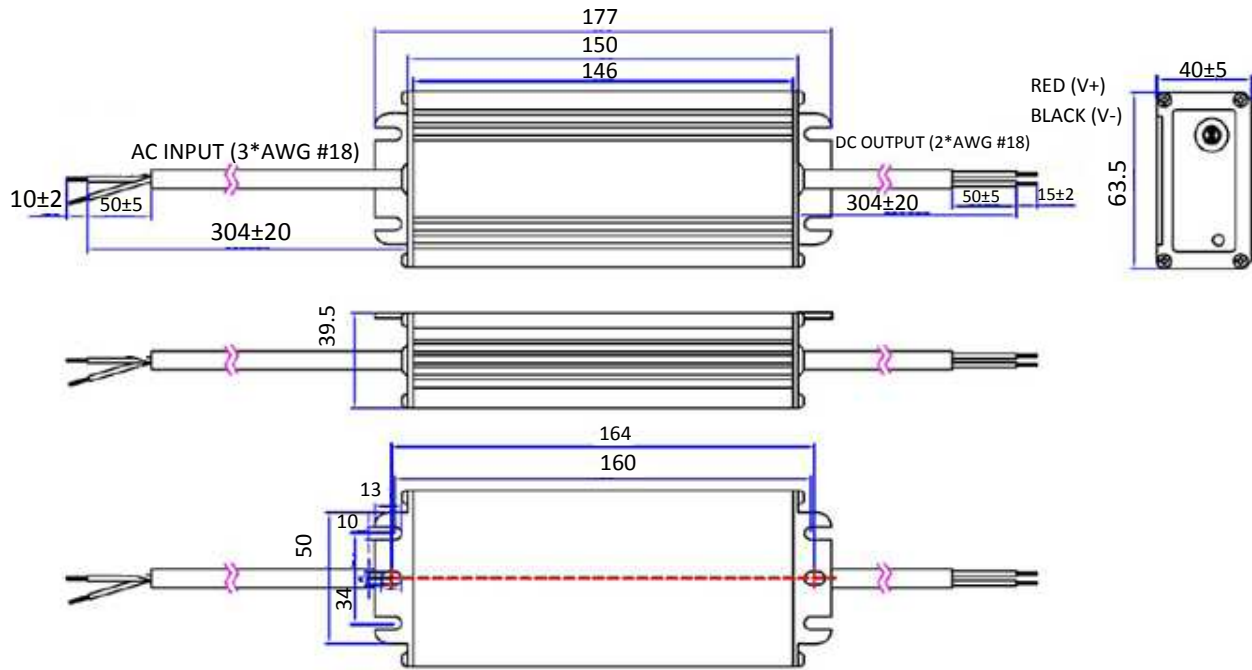
Output	Output Power	80W	
	Set-up Delay Time	0.4~0.6s	
	Line Regulation	3%	
	Load Regulation	5%	
Input	Voltage	20~30V	
	Inrush Current	11A Cold start, Vin=24V, Po=80W	
	DC Current	3.6 A Full load, Vin=24V, Po=80W	
Protections	Over Voltage Protection	1.3 Vo ±5% floating deviation Latch mode. The power supply shall return to normal operation only after the power is turned-on again.	
	Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed.	
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 (L*W*H) 5.91*2.58*1.56 inches	
	Weight	745 g	



Notes :

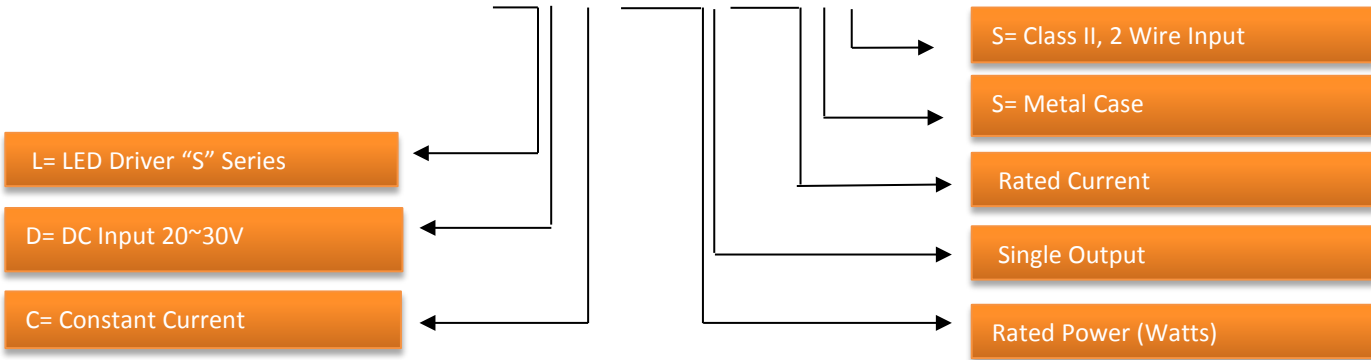
1. All specifications are typical at 25°C unless otherwise stated.
2. The "Efficiency" values are measured at full load, after the unit is thermally stabilized, otherwise they will be lower about 1%.
3. The "Ripple & Noise" values are measured by 20MHz bandwidth oscilloscope and the output paralleled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

Mechanical Specifications



PART NUMBER SCHEME

LSDC-080S140SS



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