

FEATURES

- High Efficiency
- IP67
- RoHS Compliant
- Certified to UL/cUL
- Operation From -35°C~+50°C

150W DC Input Constant Current

LSDC-150 Series



SPECIFICATIONS

Model #	Output Current	Output Voltage	No Load Output Voltage $\pm 5\%$	Ripple & Noise (3)	Efficiency @ 24 (2)
LSDC-150S210SS	2100 mA	35~72V	75V	0.38V	92%
LSDC-150S245SS	2450 mA	35~61V	67V	0.38V	92%
LSDC-150S280SS	2800 mA	35~54V	57V	0.36V	93%
LSDC-150S315SS	3150 mA	35~48V	51V	0.33V	93%
LSDC-150S360SS	3600 mA	35~42V	44V	0.32V	92%

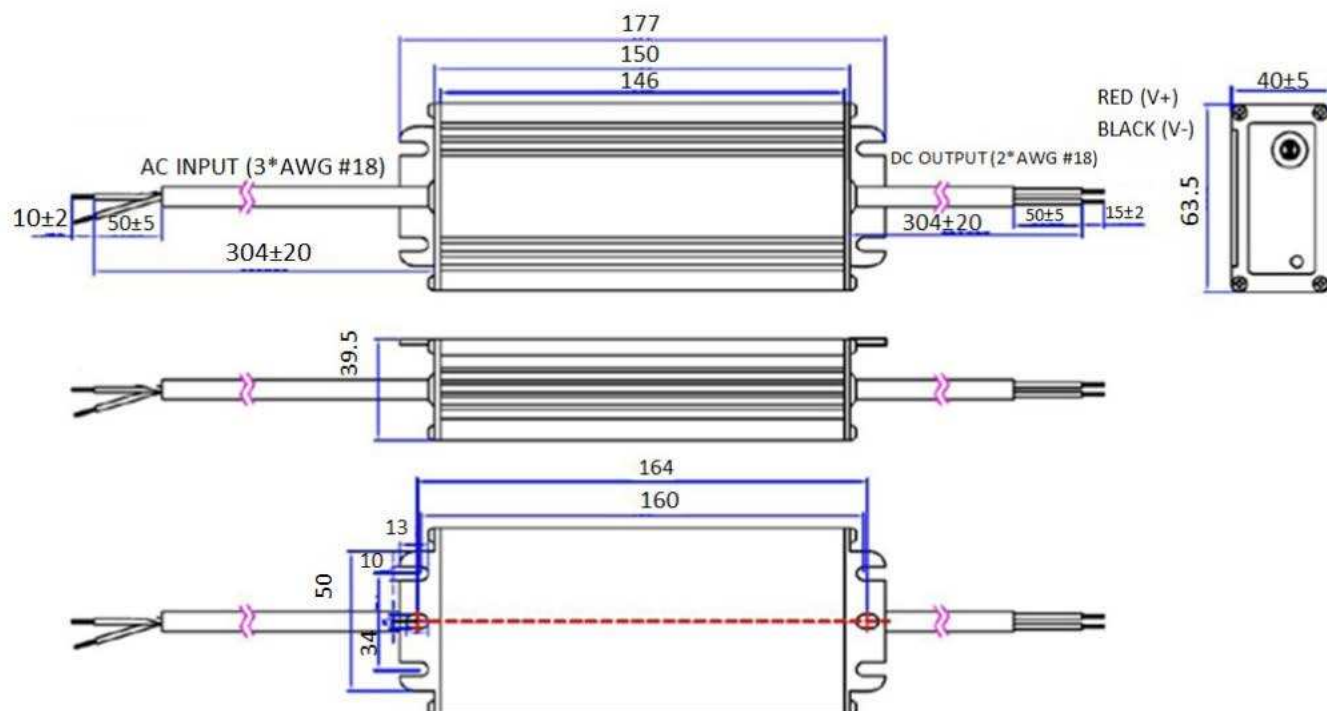
Output	Output Power	150W	
	Set-up Delay	0.4~0.6s	
	Line Regulation	3%	
	Load Regulation	5%	
Input	Voltage	20~30V	
	Inrush Current	12A Cold start, $V_{in}=24V$, $P_o=150W$	
	DC Current (24V)	6.8 A Full load, $V_{in}=24V$, $P_o=150W$	
Protection	Over Voltage Protection	1.3 $V_o \pm 5\%$ floating deviation 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.	
Environmental	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	
	Dimension	Millimeters (L*W*H) 150*65.5*39.5 Inches (L*W*H) 5.91*2.58*1.56	
	Weight	745 g	



Notes :

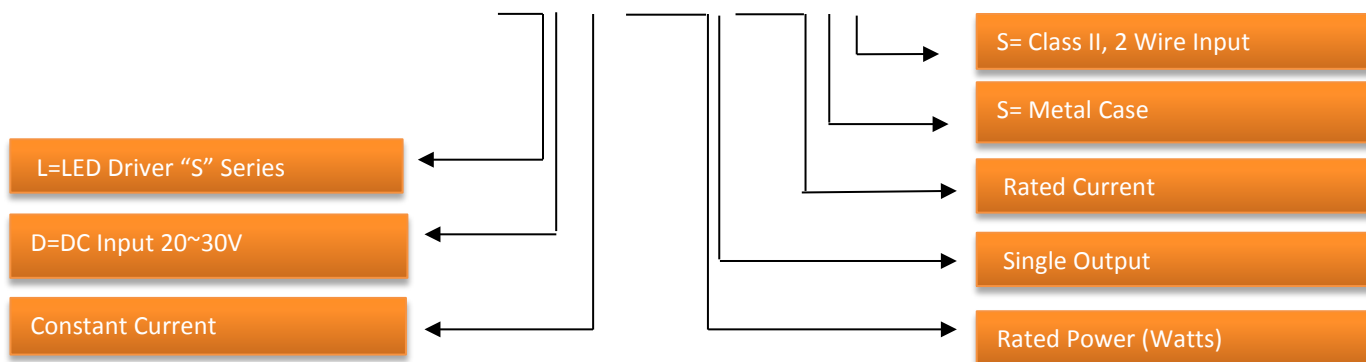
1. All specifications are typical at 25°C unless otherwise stated.
2. The "Efficiency" values are measured at full load, after the unit is thermally stabilized, otherwise they will be lower about 1%.
3. The "Ripple & Noise" values are measured by 20MHz bandwidth oscilloscope and the output paralleled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

Mechanical Specifications



PART NUMBER SCHEME

LSDC-150S210SS



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AUTEC IS NOT RESPONSIBLE FOR ISSUES ARISING FROM ERRORS OR OMMISIONS

