



志涛集团

ZHITAO GROUP

Industrial Power Supply

Product Specification

LRS-150

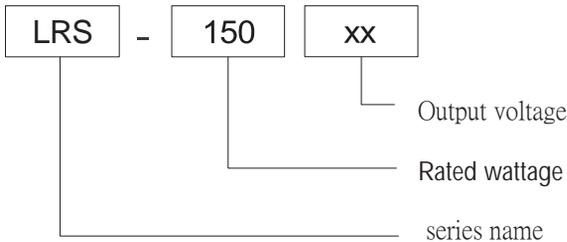
- Product Category: 150W single output switching power supply
- Version No.: ZTAO3.0
- Release date: May 1, 2025



Product Overview

The AC input range is switched by a switch, no-load power consumption <1.7W, small size 1U low profile, protection types: short circuit/overload/overcurrent protection, natural air cooling, power start LED indicator, 100% full load burn-in test, 3-year warranty.

Model Encoding



Product Features

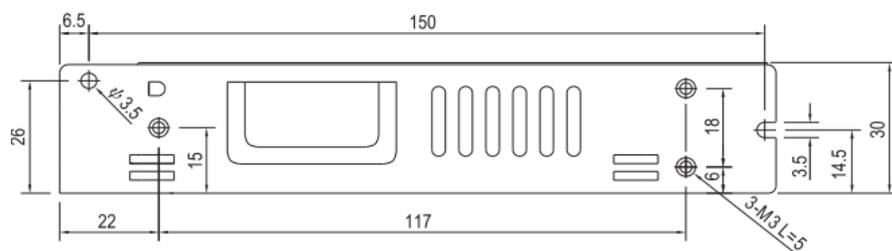
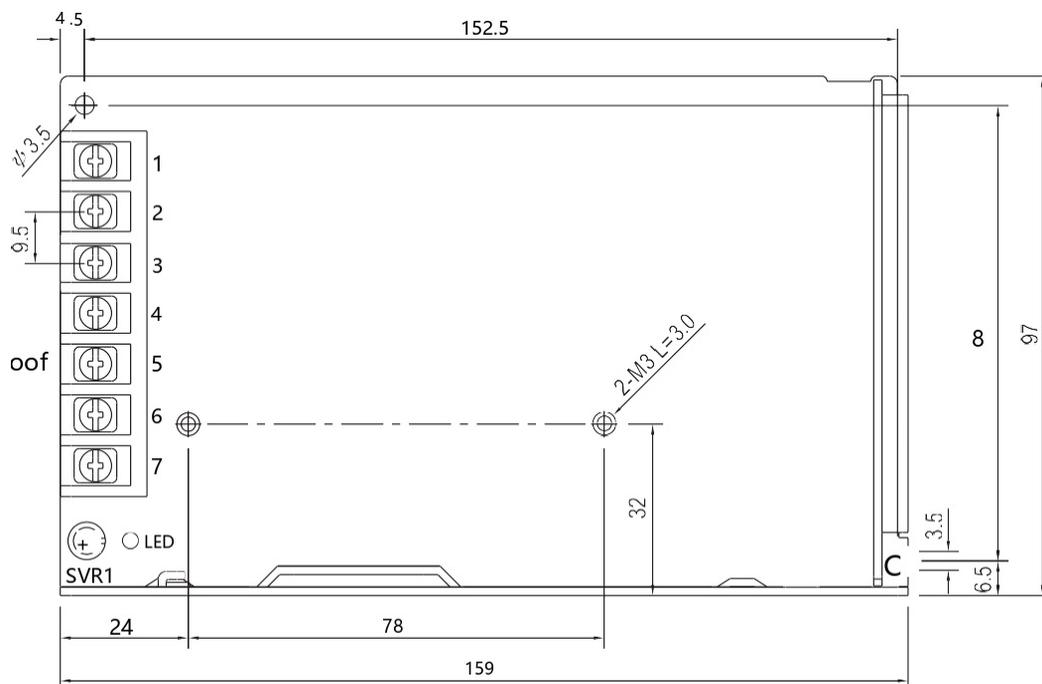
- AC input is switched by switch,
- no-load power consumption <1.7W
- Small size, 1U low profile
- Protection type: short circuit/overload/overvoltage
- air cooling
- Power on LED indicator
- 100% full load burn-in test
- 3-year warranty

Application Areas

Industrial control, mechanical and electrical, electronic instruments, industrial automation, electronic equipment, semiconductor equipment, etc. (excluding information technology equipment)



Mechanical Specification and Installation (mm)



Terminal pin definition

pin number	Pin function	pin number	Pin function
1	AC/L	45	DC OUTPUT-V
2	AC/N	6.7	DC OUTPUT + V
3	FG +		

Pinout	Function
L	AC LINE
N	AC NETURAL
	EARTH
-Vo	DC output -
-Vo	DC output -
+Vo	DC output +
+Vo	DC output +

Screw:M4*9.5
Torque: 22Kgf.cn (2. 2N.m)

8-M4 Customer system
mounting hole Mounting
screw: M4

Screw:M4*9.5
Torque: 22Kgf.cn (2. 2N.m)

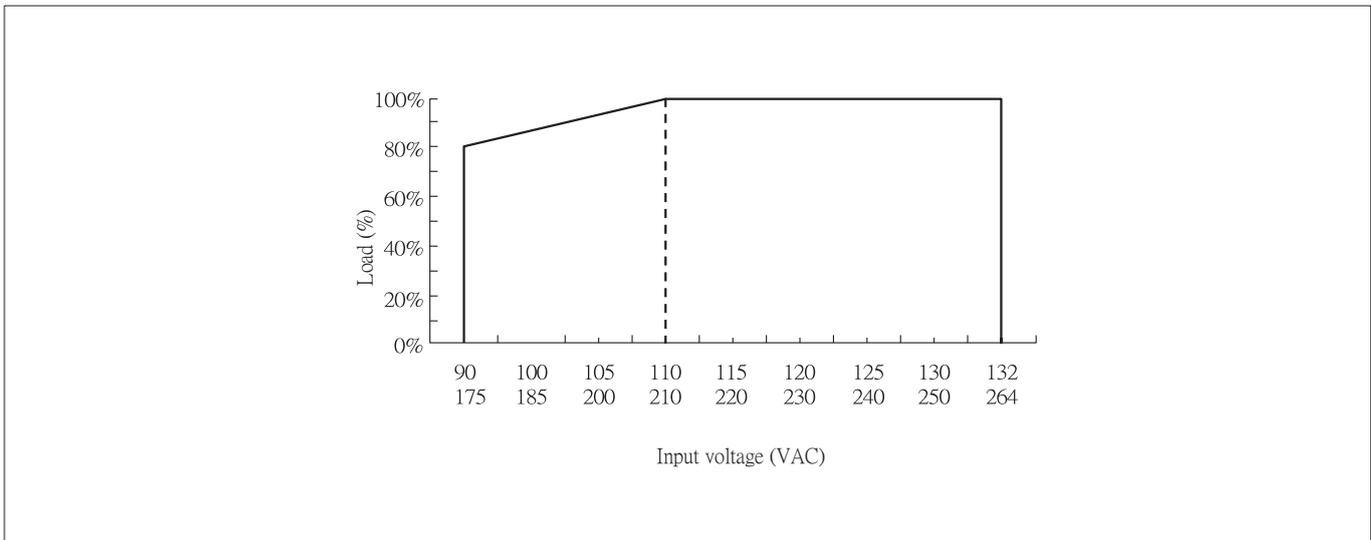
Installation torque: 8Kgf.cn (0.8Nm) The
screw should not extend into the housing
more than 3mm

Remark:

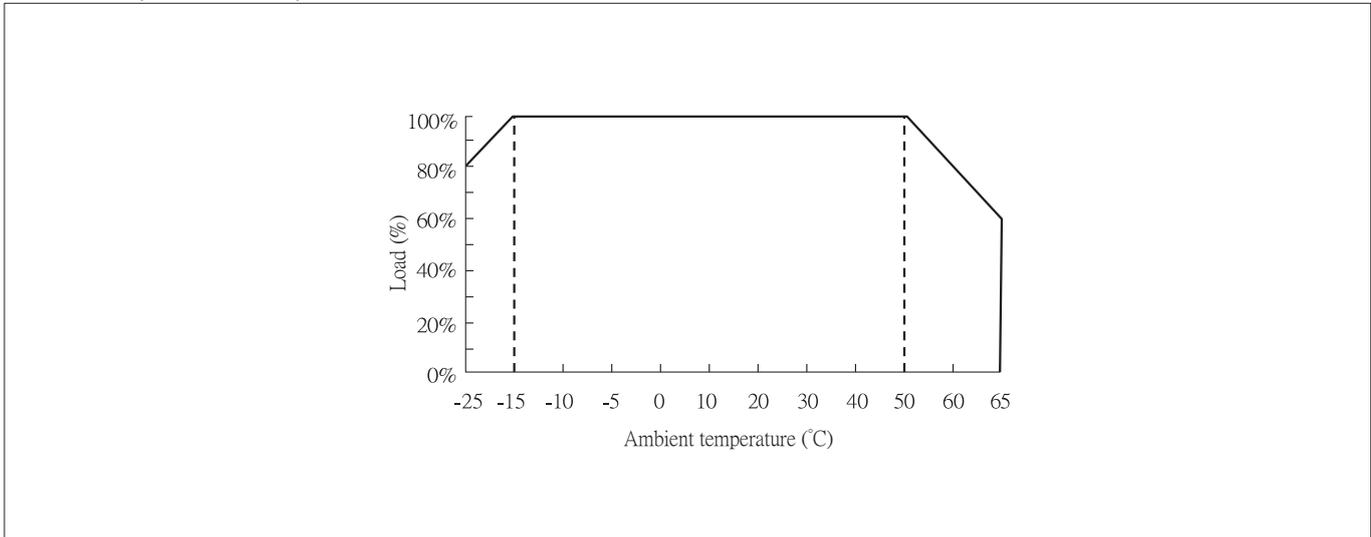
Unit: mm [inch]; tolerance not specified is ± 0.5 [± 0.020]

Characteristic Curves

Input voltage vs output load



Ambient temperature vs output load



Note:

1. If you need to know more detailed test data during application, please contact our technical support to obtain the application notes of the corresponding products.
2. This product is suitable for use in a natural air convection environment. If it is used in a closed environment, please contact our technical support personnel.