



LRS-100

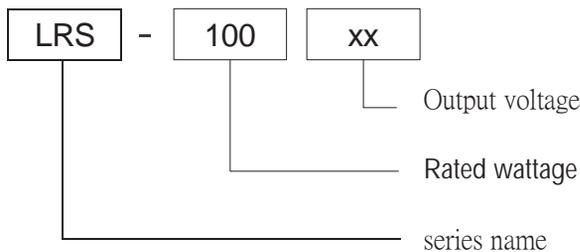
- Product Category: 100W Single output switching power supply
- supply Version No.: ZTAO3.0
- Release date: May,1st,2025



Product Overview

International full range AC input, no-load power consumption <1.5W, 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

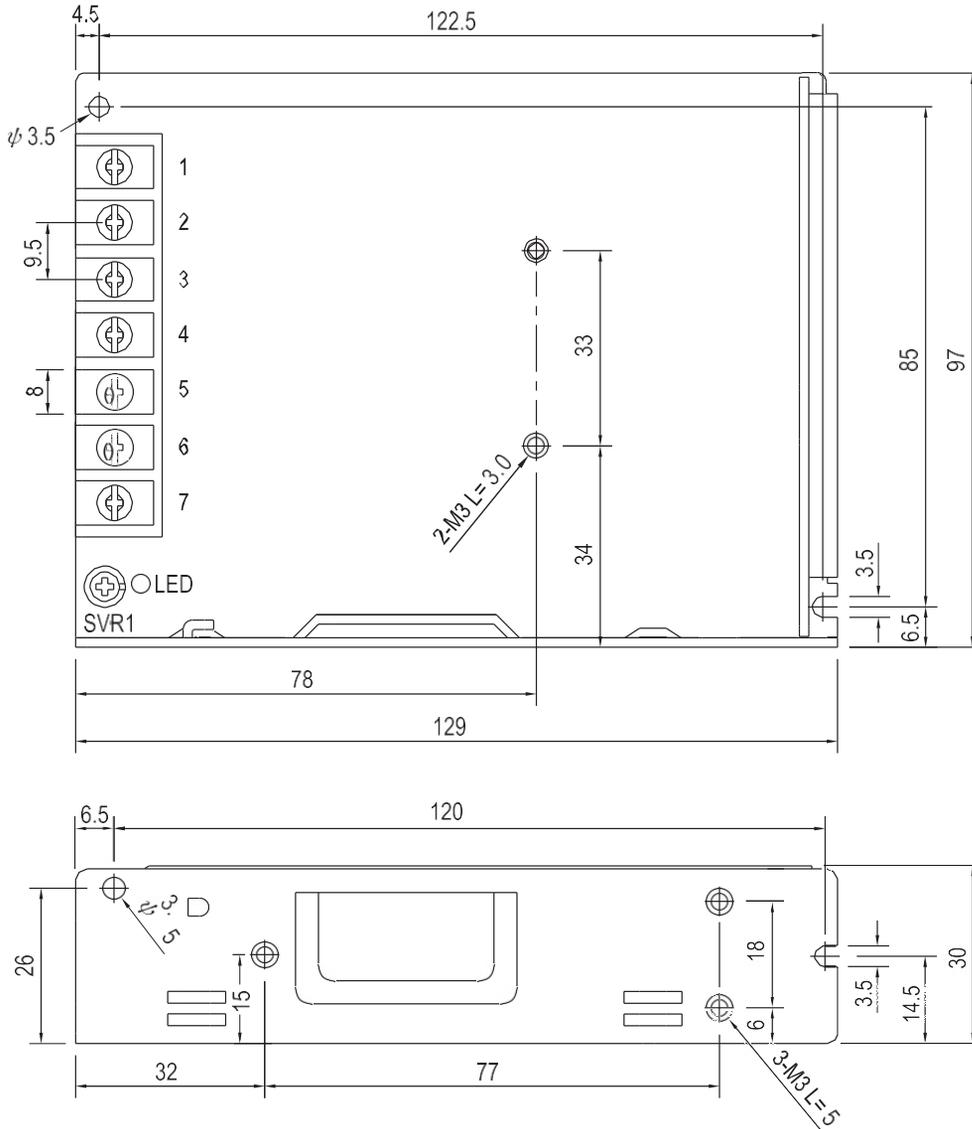
- International full range AC
- input no-load power consumption <1.5W
- Small size, 1U low profile
- Protection type: short circuit/overload/ overvoltage
- natural air cooling
- Power on LED indicator
- 100% full load burn-in test
- 3-year warranty



Application Areas

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

Appearance and Installation Dimensions (mm)



Terminal Pin No. Assignment

pin	Assignment	pin	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG \perp		

Pinout	Function	
L	AC LINE	Screw: M4*9.5 Torque: 22Kgf.cm (2. 2N.m)
N	AC NETURAL	
\perp	EARTH	
-Vo	DC output -	Screw: M4*9.5 Torque: 22Kgf.cm (2. 2N.m)
-Vo	DC output -	
+Vo	DC output +	
+Vo	DC output +	

8-M4 Customer system mounting

hole Mounting screw: M4

Installation torque: 8Kgf.cm (0.8Nm) The screw

should not extend into the housing more than

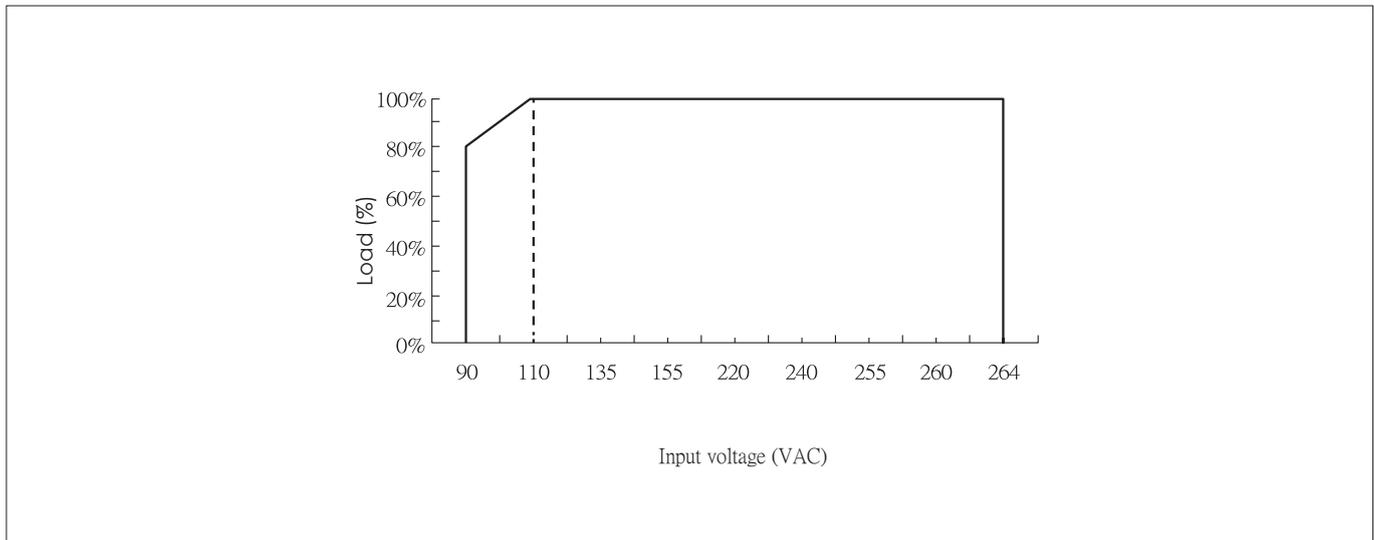
3mm

Remark:

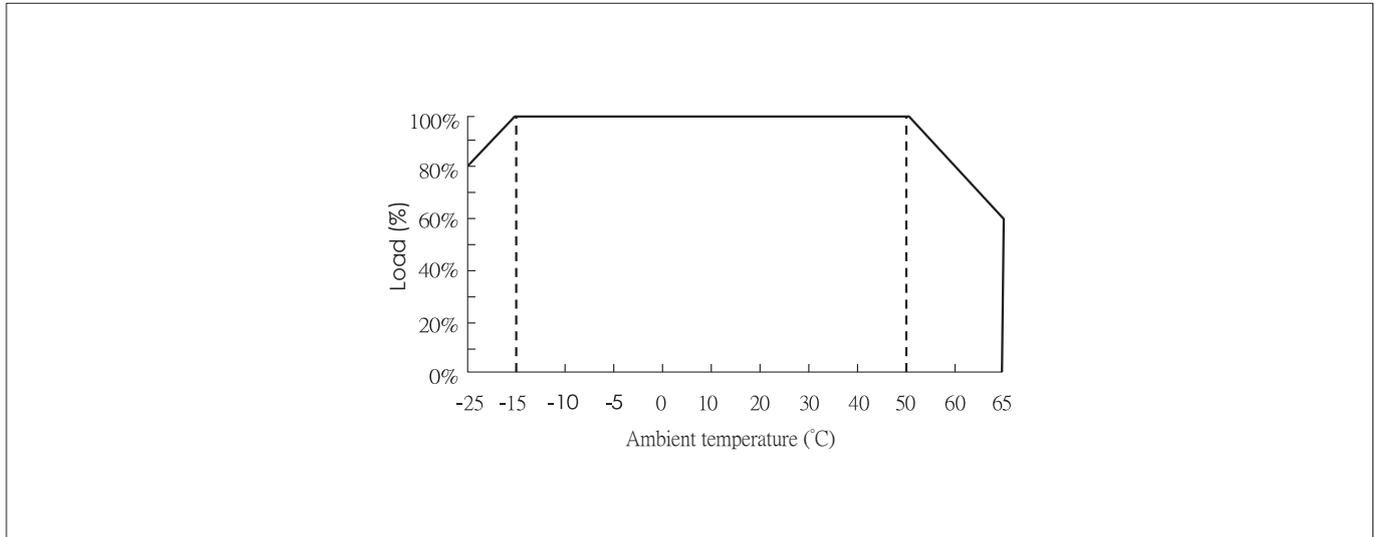
Unit: mm [inch]; tolerance not specified is ± 0.5 [± 0.020]

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.