

Product features

- Adopts PFC circuit scheme, high factor and low harmonics
- Full-isolation driver
- Short circuit, over current and over voltage protection
- Global multi-national certification optional
- Conforms to international lighting safety standards
- 5 years quality warranty
- Uses glue and aviation aluminum shell, for more effective heat dissipation



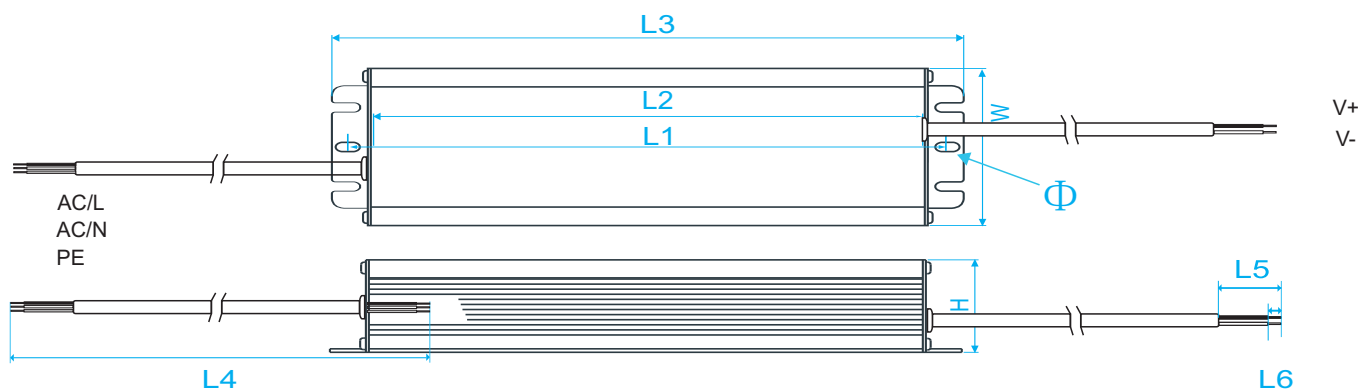
Electrical specifications



Input	Voltage range	100-120V/AC	
	Frequency range	50-60Hz	
	Power factor	>0.95	
	Full load efficiency	≥85%	
	AC current	1A	
Output	Rated current	Constant Voltage	
	Rated current	7A	4.2A
	Current accuracy	±10%	±10%
	Output voltage	12V	24V
	Rated power	84W	100W
Protection	Short circuit	Intermittent restart mode, after the exception can be automatically restored	
	Overcurrent	Hiccup mode, after the removal of abnormal flow can be automatically restored	
	Overvoltage	Hiccup mode, after the exception of abnormal pressure can be automatically restored	

Environment	Operating Temperature /humidity	-30-45°C,5-95%RH
	Storage Temperature /humidity	-40-70°C,5-95%RH
	Temperature coefficient	±0.03% / °C(0-50°C)
	Vibration	5-55Hz/2g, 30 Minutes
Safety	Safety	EN60598
	Pressure	I/P-O/P:3KVAC IP-FG:1.88KVAC O/P-FG:0.5KVAC
	Insulation resistance	I/P-O/P I/P-FG O/P-FG:100M Ω /500VDC/25°C/70%RH
	EMC Emission	EN55022, EN55015 Class B
	EMC Immunity	EN61547, ENV5024, EN61000-4-2/3/4/6/8/11
Other	Net weight	984g
	Size	L 8.25" * W 2.67" * H 1.5"

Shell structure



Unit: mm	vertical spacing	shell length	overall length	width	height	line	peeling	solder	mounting aperture
Model	L1	L2	L3	W	H	L4	L5	L6	Φ
8290-IP67	7.83"	7.3"	8.25"	2.67"	1.5"	13.75"	1.37"	0.2"	0.1"

Wiring diagram

