

Product features

- Adopt LLC circuit scheme, high factor and low harmonic
- Full-isolation driver
- Short circuit, over current and over voltage protection.
- Global multi-national certification optional (ETL, TUV, SAA, CB, CE)
- Conform to the world lighting safety standards
- 5 years quality warranty
- Use glue and aviation aluminum shell, heat dissipation is more effective

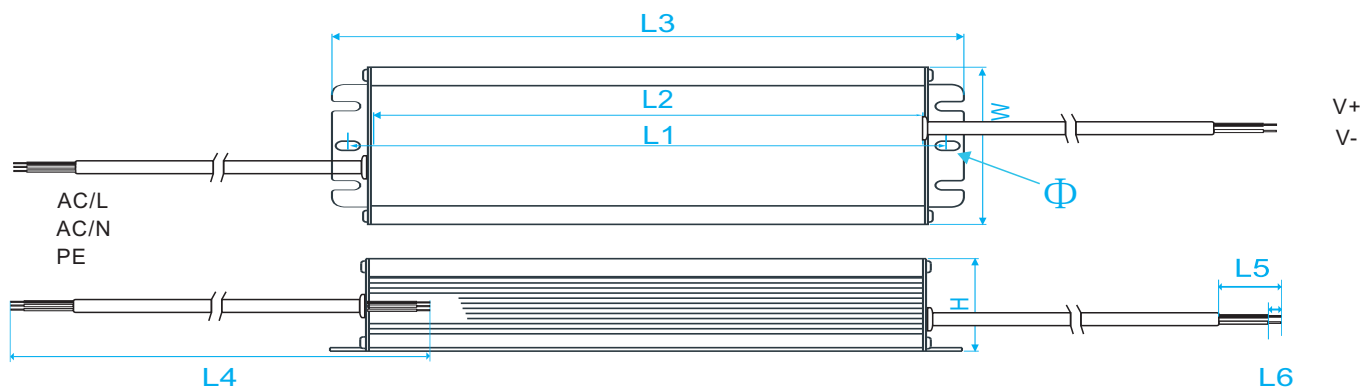


Electrical specifications

Input	Voltage range	90-130&180-240V/AC					
	Frequency range	50-60Hz					
	Power factor	>0.95					
	Full load efficiency	≥90%					
	AC current	3A/1.5A					
Output	Rated current	Constant Current				Constant Voltage	
	Rated current	2.7A	3.6A	4.6A	5.7A	16.6A	8.3A
	Current accuracy	±5%	±5%	±5%	±5%	±10%	±10%
	Output voltage	49-72V	38-55V	30-43V	25-35V	12V	24V
	Rated power	300W					
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					

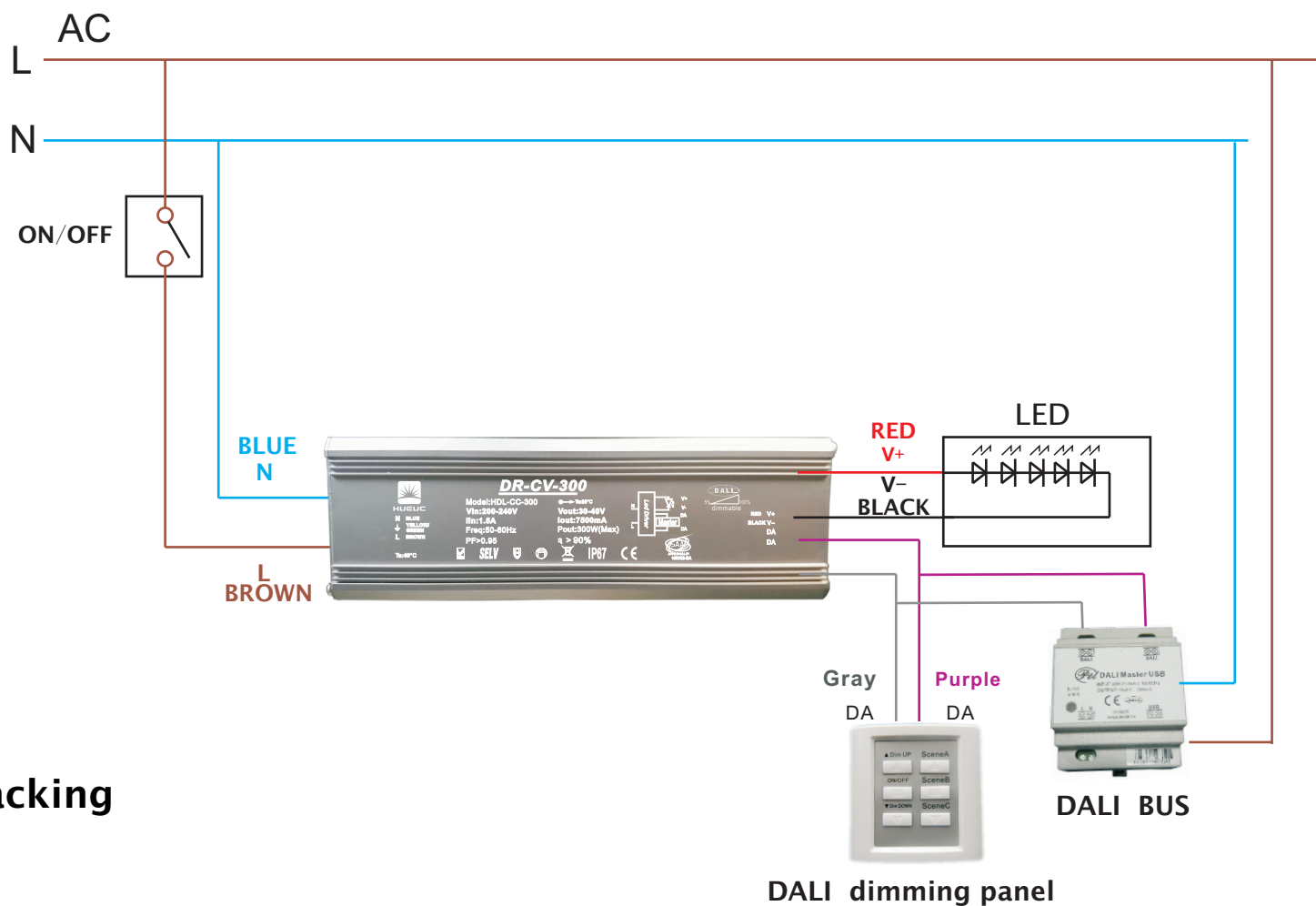
Environment	Operating Temperature/humidity	-30-45℃,5-95%RH
	Storage Temperature/humidity	-40-70℃,5-95%RH
	Temperature coefficient	± 0.03% / °C(0-50℃)
	Vibration	5-55Hz/2g, 30 Minutes
Safety	Safety	EN60598
	Pressure	I/P-O/P:3KVAC IP-FG:1.88KVAC O/P-FG:0.5KVAC
	Insulation resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25℃/70%RH
	EMC Emission	EN55022, EN55015 Class B
	EMC Immunity	EN61547, ENV5024, EN61000-4-2/3/4/6/8/11
Other	Net weight	1225g
	Size	L227*W68*H39mm

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
HDL-CV-300	217	20	227	68	39	350	35	5	3

Wiring diagram



Packing

