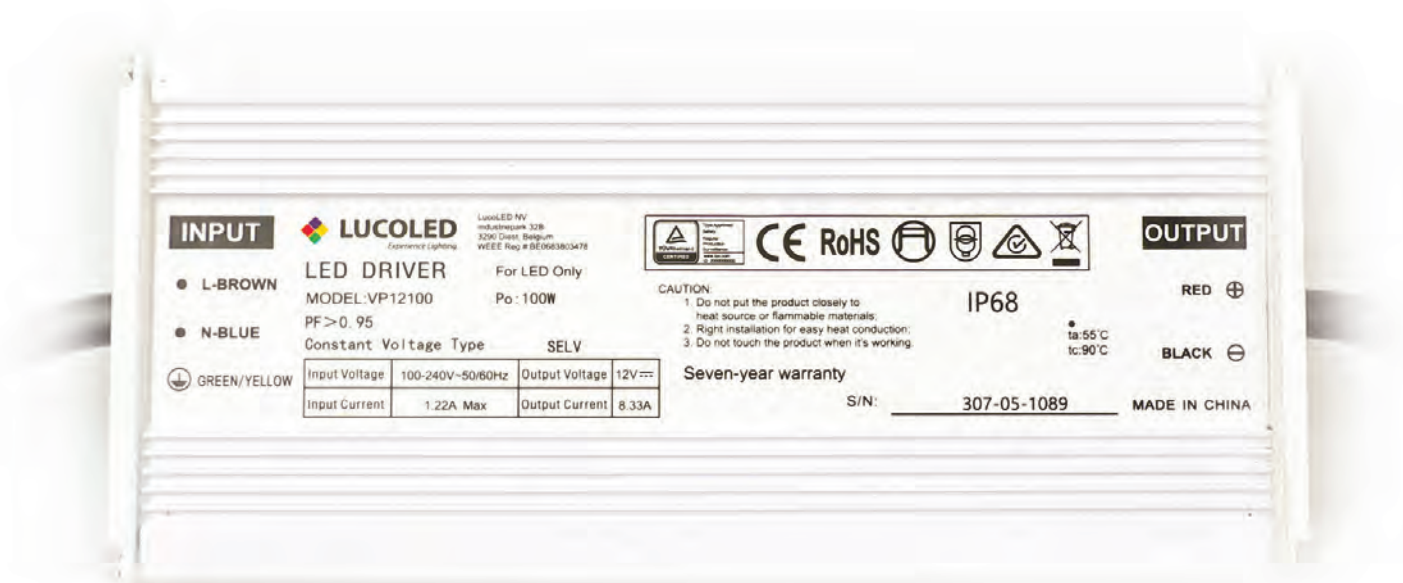




VP 100W

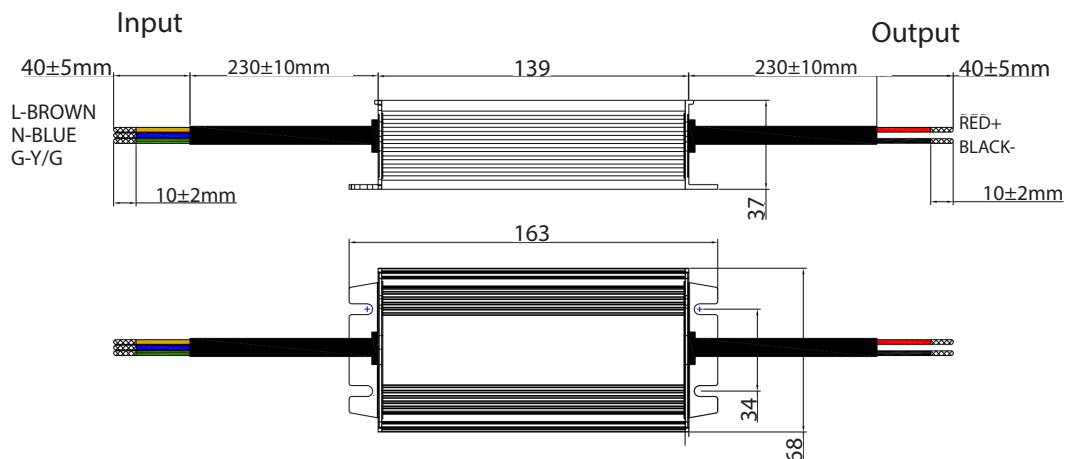


Features

- Wide input voltage with ground wire: 100~240Vac
- IP68 indoor/outdoor use; dry, damp, or wet locations
- OVP, OCP, SCP function
- Built-in active PFC function
- Working temperature: -40°C~+55°C
- Tested and approved at 100% power load
- 7 years warranty



DIMENSIONS



SPECIFICATION

Model		VP12100		VP24100	
Output	DC Voltage	12V		24V	
	Rated Current	8.33A		4.17A	
	Current Range	0~8.33A		0~4.17A	
	Rated Power	100W		100W	
	Ripple & Noise (max.)	120mVp-p		120mVp-p	
	Voltage Accuracy	±3%			
	Line Regulation	±1%			
	Load Regulation	±2%			
	Start-Up Time	1200ms,40ms/230VAC 1200ms,40ms/115VAC (Full Load)			
	Hold-Up Time (Typ.)	20ms/230VAC, 12ms/115VAC (Full Load)			
Input	Voltage Range	AC100~240V			
	Frequency Range	50~60Hz			
	Power Factor	PF≥0.95			
	Efficiency (Typ.)	90%		92%	
	Alternating Current	≤1.22A			
	Surge Current (Typ.)	Cold Start 31A/264VAC			
	Max. Cascading power supply on 16A circuit breaker	3pcs (Type B Circuit Breaker)/ 6pcs (Type C Circuit Breaker) at 230VAC			
	Leakage Current	≤0.5mA/240VAC			
	No-Load Consumption	≤0.7W			
	Over Current	Hiccup mode, automatically recover after troubleshooting.			
	Over Voltage	Shut off and restart.			
Environment	Working Temperature	-40~+55°C(Please refer to the “Derating Curve”)			
	Working Humidity	10~95%RH, No Condensation.			
	Storage Temp/Humidity	-40~+80°C, 10~95%RH			
	Temperature Coefficient	10~500Hz, 1.0mm, 15 minutes (for X, Y, Z each axis)			
Safety & EMC	Standards	IEC/EN 61347-1; IEC/EN 61347-2-13; GB19510.1, GB19510.14;IP68			
	Withstand Voltage	I/P-O/P:3.75KVAC			
	Insulation Resistance	I/P-O/P:>100M Ohms/500VDC/25°C/70%RH			
	Electromagnetic Emission	IEC/EN55015,IEC/EN61000-3-2 Class C(@load≥60%); IEC/EN61000-3-3; GB17743, GB17625.1			
	Electromagnetic Interference	IEC/EN61000-4-2,3,4,5,6,8,11; IEC/EN61547, surge protection with 6KV/4KV			
Others	MTBF	40Khrs. MIL-HDBK-217F(25°C)			
	Size	163*68*37mm(L*W*H)			
	Package	0.69kg; 24pcs/17.8kg /319*313*235mm			
Note	1. Ensure the ground wire is properly grounded and ensure it does not contact with the neutral wire. 2. Ensure the power supply position has sufficient airflow. 3. Working temperature must be between -40°C to +55°C. 4. Do not overload the power supply with multiple appliances. 5. Power supply operates at high temperatures. To avoid injury, do not touch while in use. 6. Do not install with power connected or during an electrical disturbance. 7. Do not attempt to install by yourself. Please contact the supplier with any questions. 8. Please read the instructions carefully before installation. Ensure all contact points are in good working order. 9. Please pay attention to the environment and check for any unsafe conditions.				