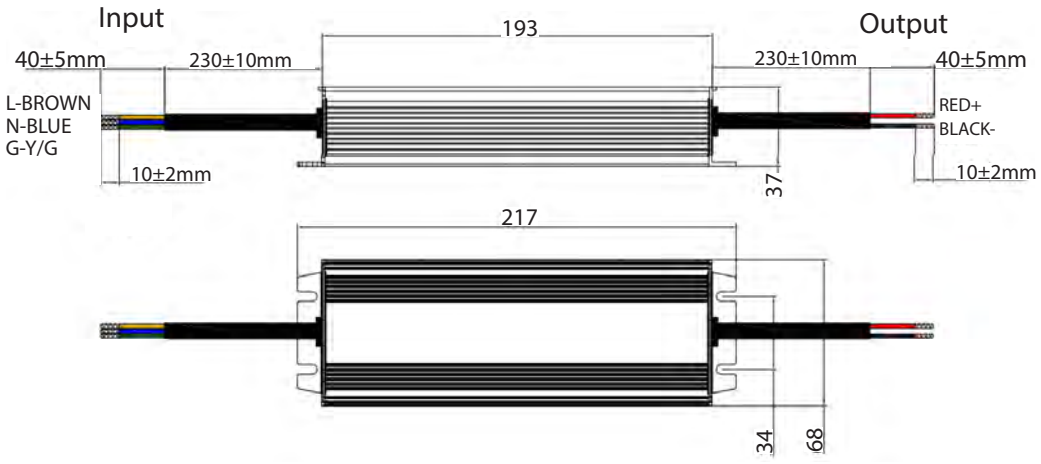
VP 240W

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		VP12240	VP24240
Output	DC Voltage	12V	24V
	Rated Current	20A	10A
	Current Range	0~20A	0~10A
	Rated Power	240W	240W
	Ripple & Noise (max.)	180mVp-p	150mVp-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	≤2.93A	
	Surge Current (Typ.)	Cold Start 49A/264VAC	
	Max. Cascading power supply on 16A circuit breaker	4pcs (Type B Circuit Breaker)/ 6pcs (Type C Circuit Breaker) at 230VAC	
	Leakage Current	≤0.75mA/240VAC	
	No-Load Consumption	≤2W	
	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	217*68*37mm(L*W*H)	
	Package	0.98kg; 19pcs/20.1kg /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.		