



Dimension: 240 × 69 × 43mm

Features:

- Constant voltage style power supply
- 170–264VAC AC input
- Small volume, low weight, high efficiency
- Protections : short circuit/over load/over voltage/over temp
- Cooling by free air convection
- Fully encapsulated with IP67 level
- 100% full load burn-in test
- 2 Years warranty

IP67 CE

SPECIFICATION

Model		LPV-200-12		LPV-200-24		LPV-200-36	
Output	DC voltage	12V		24V		36V	
	Voltage tolerance	± 3%		± 2%		± 2%	
	Rated current	16.5A		8.3A		5.5A	
	Current range	0 ~ 16.5A		0 ~ 8.3A		0 ~ 5.5A	
	Rated power	198W		199W		198W	
	Ripple&noise	150mVp-p		200mVp-p		200mVp-p	
	Setup, rise, hold up time	200ms,20ms,30ms/230VAC					
Input	Voltage range	170 ~ 264VAC 47 ~ 63Hz, 235 ~ 373VDC					
	AC current	2.5A/230VAC					
	Efficiency	83%		85%		87%	
	Inrush current	Cold start50A/230VAC					
	leakage current	< 2mA/240VAC					
Protection	Overload	Rated output power115% ~ 135%Start overload protection					
		protection type: cutoff output, recovery after restart power					
	Over temperature	Case temp≥95℃, Start over temp protection					
		Protection mode: cutoff output, auto-recovery after temperature become normal					
Environment	Working temp, humidity	-10℃ ~ +60℃;20% ~ 90%RH(Please refer to “derating curve”)					
	Storage temp, humidity	-20℃ ~ +85℃;10% ~ 95%RH Non-condensing					
	Withstand vibration	10 ~ 500Hz, 2G 10min./1Cycle, Period for 60min, Each axes					
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC					
	Isolation resistance	I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC					
Fit standard	Safety standard	Fit UL1012,TUV EN60950-1, IP67					
	EMC Standard	Fit EN55022, EN55024,CLASSA					
Others	Weight/Dimension	1.26kg 240*69*43 (L*W*H)					
	Packing	1.26kg/20pcs/26kg/0.033m³/1.16CUFT					

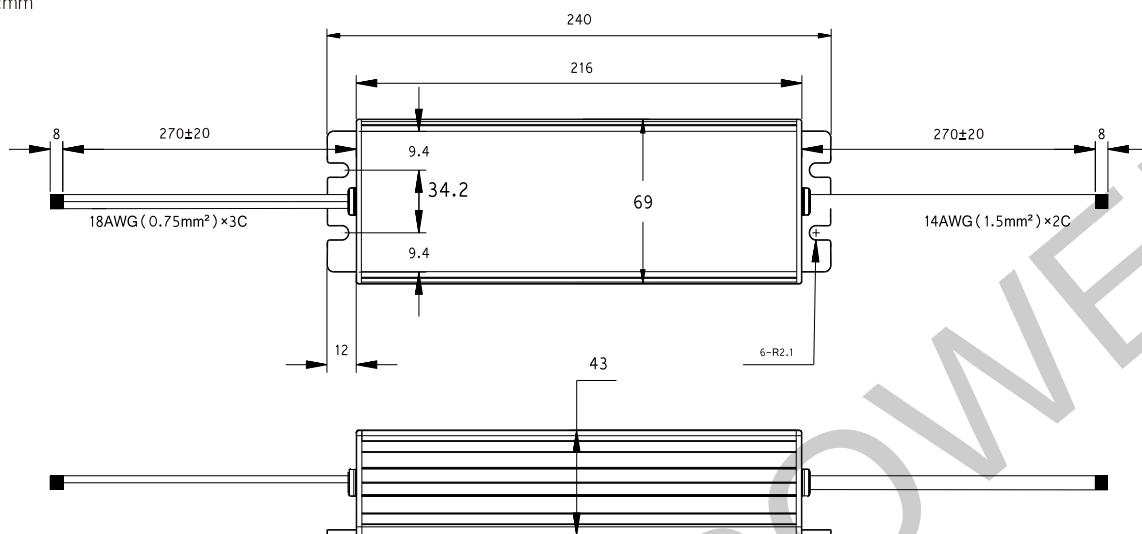
Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.

2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.

3. Tolerance : includes set up tolerance, line regulation and load regulation.

Mechanical specification

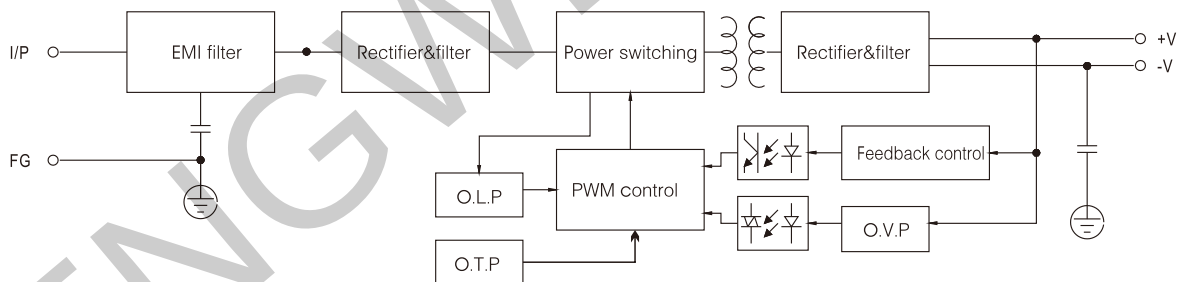
Unit:mm



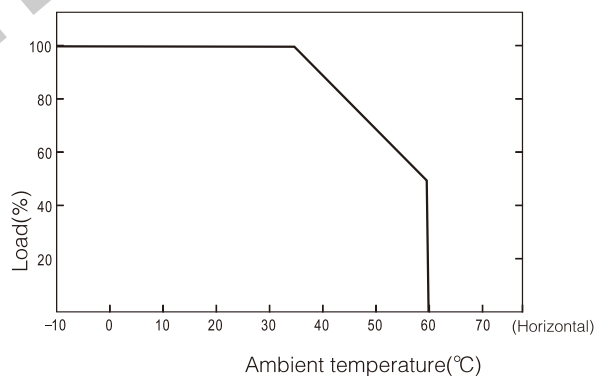
lead-out wire assignment

Input(Black three-core)		Output (White two-core)	
Brown	AC/L	Red	DC OUTPUT +V
Blue	AC/N	Black	DC OUTPUT -V
Yellow-green	FG		

Block diagram



Derating curve



Static characteristic

