



■ Feature:

- Universal AC input / Full range
- Withstand 300VAC surge input for 5 second
- Small volume and light weight
- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- Low power dissipation
- Operating altitude up to 5000 meters (Note.6)
- LED indicator for power on
- 100% full load burn-in test
- High efficiency, long life and high reliability

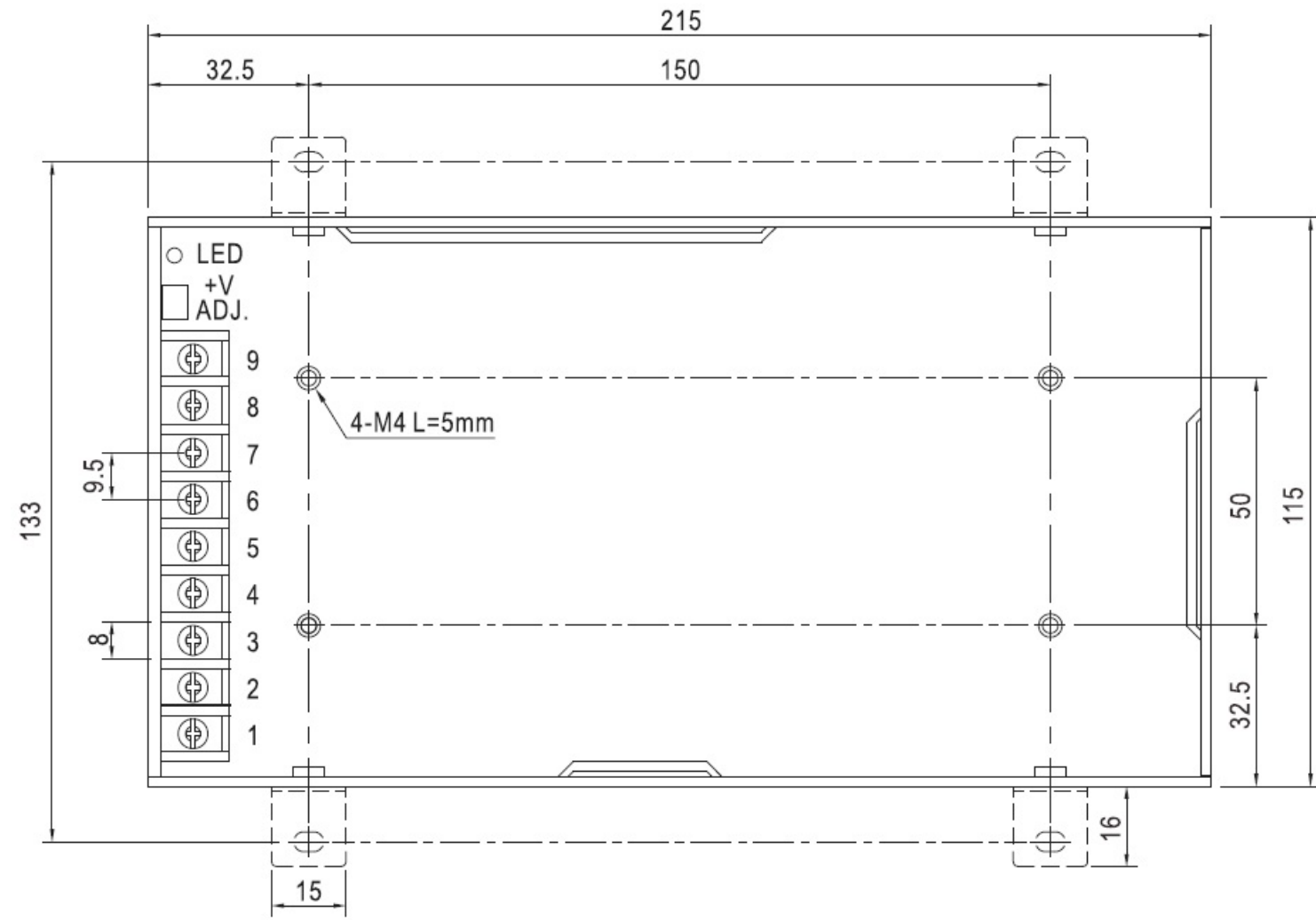
SPECIFICATION



MODEL		LRS-200-5	LRS-200-12	LRS-200-15	LRS-200-24	LRS-200-36	LRS-200-48
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	36V	48V
	CURRENT RANGE	0-40A	0-17A	0-14A	0-8.8A	0-5.9A	0-4.4A
	RATED CURRENT	40A	17A	14A	8.8A	5.9A	4.4A
	RATED POWER	200W	204W	210W	211.2W	212.4W	211.2W
	RIPPLE&NOISE	150mVp-p	150mVp-p	150mVp-p	150mVp-p	200mVp-p	200mVp-p
	VOLTAGE ADJ. RANGE	±10%	±10%	±10%	±10%	±10%	±10%
	VOLTAGE TOLERANCE	±3%	±2%	±1%	±1%	±1%	±1%
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	LOAD REGULATION	±2%	±1%	±0.5%	±0.5%	±0.5%	±0.5%
	SETUP, RISE TIME	800ms, 50ms, 16ms/230VAC (Full load)					
INPUT	VOLTAGE RANGE	90-132VAC/180-264VAC Select by switch 240-370VDC (Withstand 300VAC surge input for 5 second)					
	FREQUENCY RANGE	47-63Hz					
	EFFICIENCY(Typ)	85%	87%	88%	89%	89%	90%
	AC CURRENT	4.0A/115V, 2.2A/230VAC					
	INRUSH CURRENT (Typ)	COLD START 55A/230VAC					
	LEAKAGE CURRENT	<2mA/240VAC					
PROTECTION	OVER LOAD	110%-140%rated output power					
		Protection type: Hiccup mode recovers automatically after fault condition is removed					
	OVER VOLTAGE	115%-135%rated output power					
		Protection type : Shut down o/p voltage, re-power on to recover					
	OVER TEMPERATURE	110℃ ±10℃ (RTH3 test next to transformer)					
Protection type : Shut down o/p voltage, recovers automatically after normal temperature							
ENVIRONMENT	WORKING TEMP	-25℃~ +70℃ (Refer to "Derating Curve")					
	WORKING HUMIDITY	20%~90%RH non-condensing					
	STORAGE TEMP. HUMIDITY	-40℃~ +85℃;10%~95%RH non-condensing					
	VIBRATION	10~500Hz,3G 10min./1 cycle, 60min. each along X, Y, Z axes					
SAFETY	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC					
	ISOLATION RESISTANCE	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25℃/70%RH					
	SAFETY STANDARDS	Compliance to UL60950-1,TUV EN60950-1,GB4943					
	EMC EMISSION	Compliance to EN55022(CISPR22)Class B,GB9254 Class B,EN55014,EN61000-3-2,3					
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11,EN55024,EN61000-6-2					
OTHERS	DIMENSION	215*115*30mm (L*W*H)					
	PACKING	0.66kg/00pcs/00kg/0000CBM					
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 parallel capacitor. 3.Tolerance : includes set up tolerance, line regulation and load regulation. 4. Line regulation is measured from low line to high line at rated load. 5. Load regulation is measured from 0% to 100% rated load. 6. The ambient temperature derating of 5/1000m is needed for operating altitude greater than 2000m(6500ft). 7. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.						

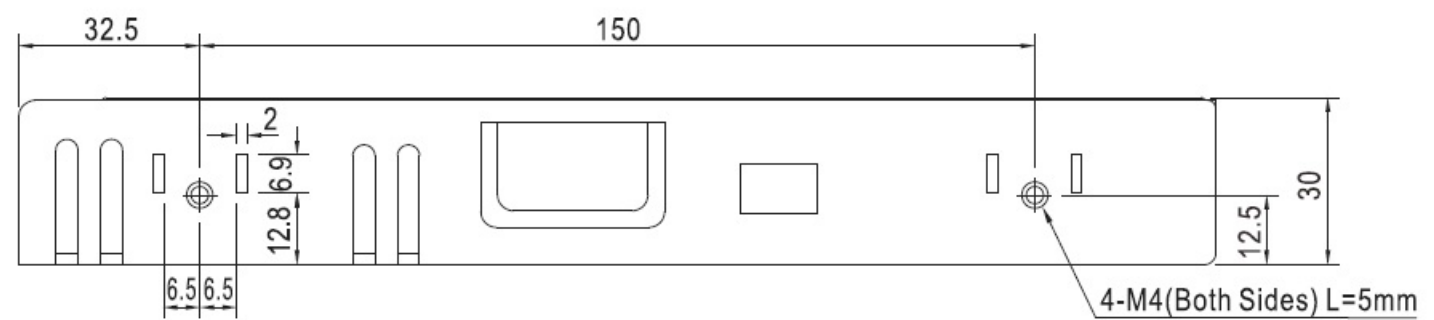
Mechanical Specification

Unit :mm

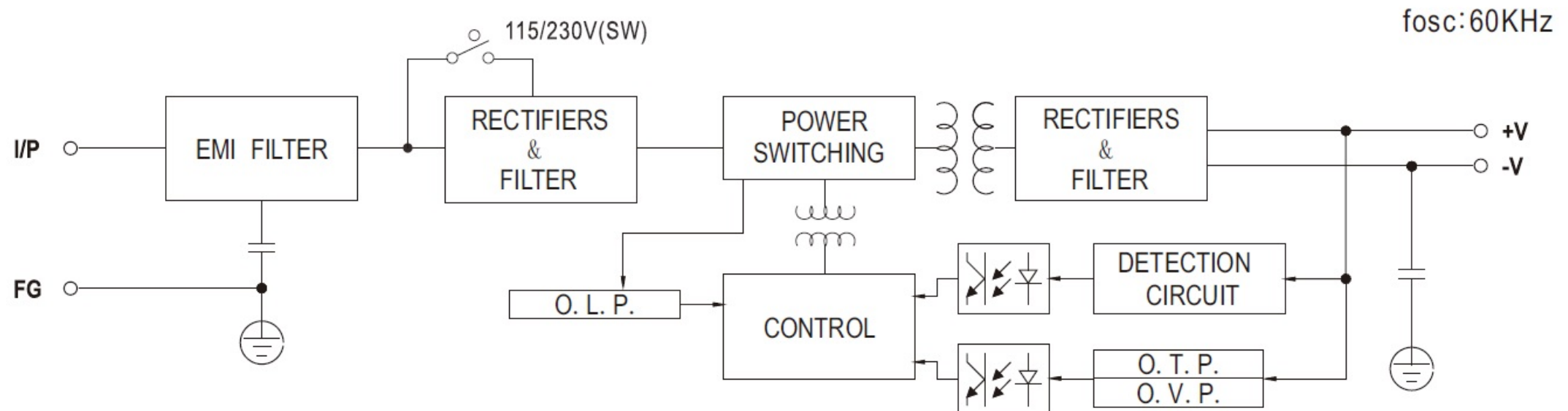


Terminal Pin NO. Assignment

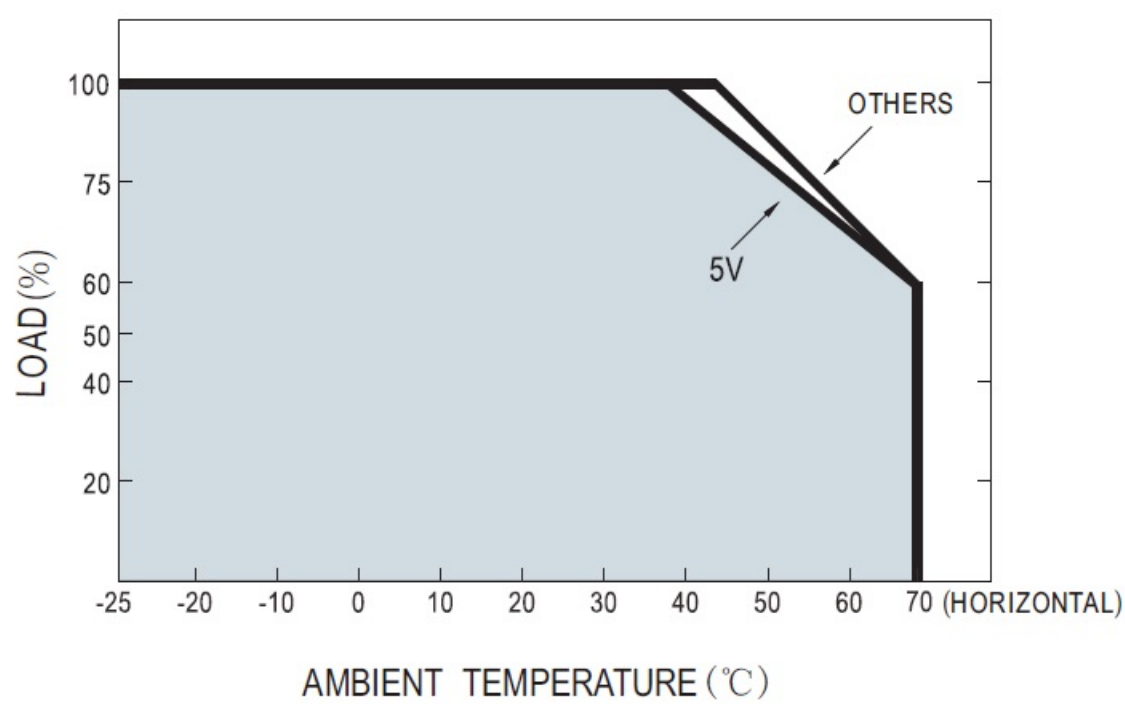
Pin NO.	Assignment	Pin NO.	Assignment
1	AC/N	4~6	DC OUTPUT -V
2	AC/L	7~9	DC OUTPUT +V
3	FG		



Block Diagram



Derating Curve



Static Characteristics

