


**Features:**

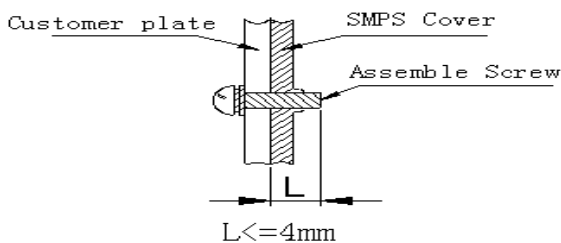
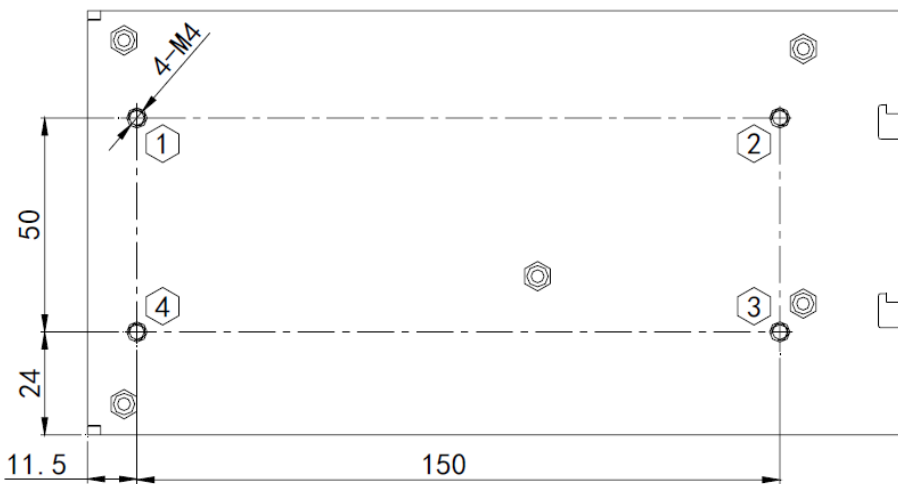
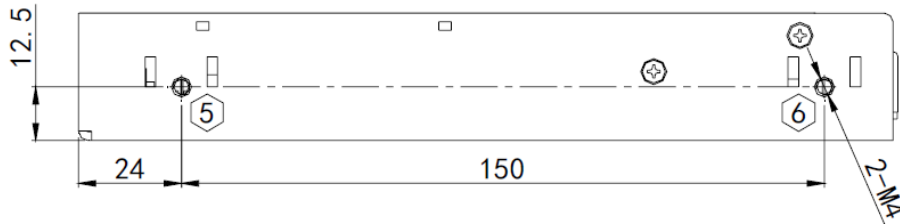
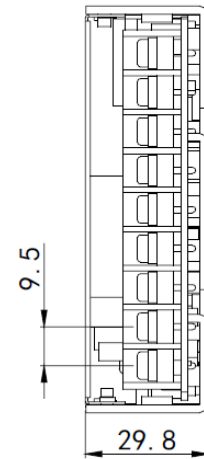
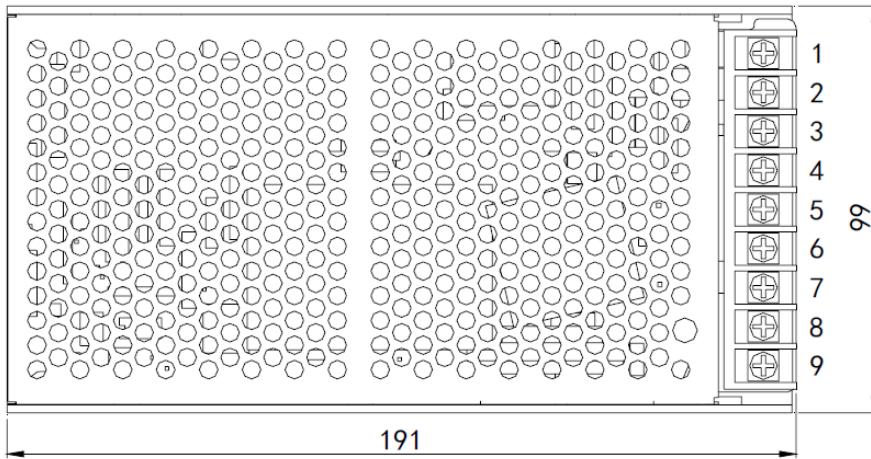
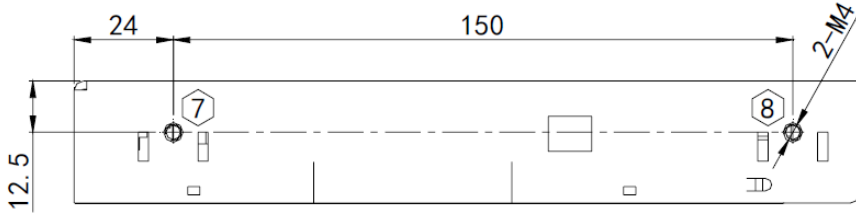
- AC input selectable by switch (115Vac/230Vac)
- High efficiency, long life and high reliability
- Output protections: OCP/SCP/OVP/OPP
- Wide operating ambient temp (-25°C~70°C)
- 100% full load burn-in test
- Altitude up to 5000m
- 1U low profile
- Cooling by free air convection
- 3 years warranty

**SPECIFICATION**

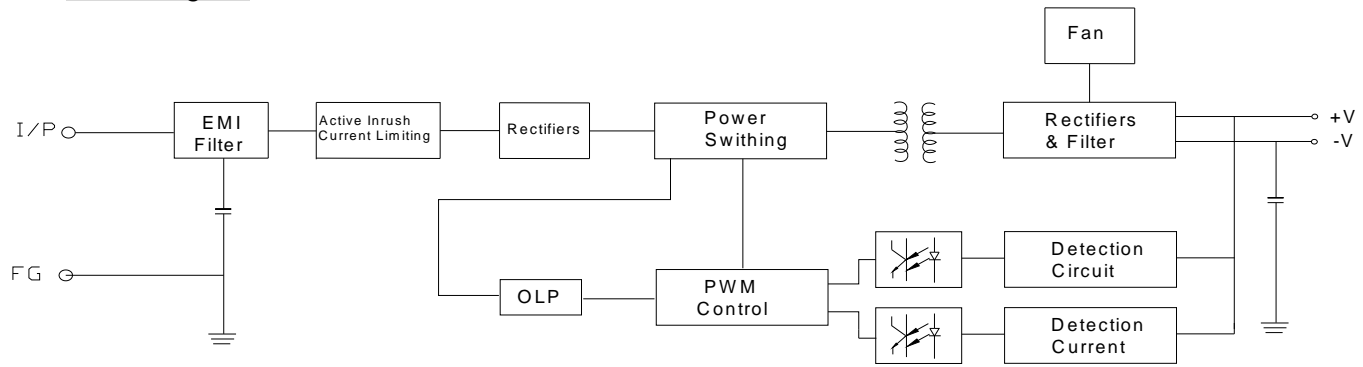
MODEL		LPD-200-12	LPD-200-24	LPD-200-36	LPD-200-48	
OUTPUT	DC Output	12V	24V	36V	48V	
	Rated Current	16.67A	8.33A	5.56A	4.17A	
	Current Range <small>Note 1</small>	0~16.67A	0~8.33A	0~5.56A	0~4.17A	
	Rated Power	200W	200W	200W	200W	
	Ripple and Noise	0~70°C	≤150mV	≤150mV	≤200mV	≤200mV
		-25°C <small>Note 2</small>	≤300mV	≤300mV	≤400mV	≤400mV
	Voltage ADJ. Range	10.2~13.8V	21.6~28.8V	32.4~39.6V	43.2~52.8V	
	Voltage Accuracy	±1.5%	±1.0%			
	Line Regulation	±0.5%				
	Load Regulation	±1.0%	±0.5%			
	Set-up Time	≤2.0S/50mS (230/115Vac input, Full load)				
	Hold up Time	≥16mS(230Vac input, Full load) ≥12mS(115Vac input, Full load)				
	Temperature Coefficient	±0.03%/°C				
Overshoot	<5.0%					
INPUT	Voltage Range	90Vac~132Vac/180Vac~264Vac				
	Frequency Range	47Hz~63Hz				
	Efficiency ( Typical ) @230Vac	≥86.5%	≥88.5%	≥89%	≥89.5%	
	AC Current (max.)	<4.0 A @ 115Vac ; <2.2A @ 230Vac				
	Inrush Current (Typical)	<60A@ 115/230Vac Cold start				
Leakage Current	Input—output:<0.25mA ; Input—PG:<2.0mA (Input 240Vac)					
PROTECTION	Over current	18.33~30.0A	9.17~15.0A	6.11~10A	4.58~7.5A	
		Protection type: Hiccup mode, auto recovery				
	Over power	220~360W	220~360W	220~360W	220~360W	
		Protection type: Hiccup mode, auto recovery				
Over voltage	13.8~16.2V	28.8~33.6V	41.4~46.8V	55.2~64.8V		
	Protection type: Constant voltage, auto recovery					
Shorted Circuit	Long-term mode, auto recovery					
ENVIRONMENT	Operating amb. Temp. & Hum.	-25°C~70°C; 20%~90%RH No condensing				
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing				
SAFETY & EMC <small>Note 3</small>	Safety Standards	UL62368-1, IEC/EN62368-1				
	Withstand Voltage	Primary-Secondary:3.0KVac/10mA .Primary-PG:2.0KVac/10mA. Secondary-PG:0.5KVDC/10mA.				
	Isolation Resistance	10M ohms				
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11				
OTHERS	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)				
	Dimension (L*W*H)	190*99*30mm				
	Packing	20pcs/CTN				
	Cooling method	Cooling by free air convection				
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The power supply is considered as a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies" on <a href="http://www.powerld.com.cn">http://www.powerld.com.cn</a> .					

■ Mechanical Specification

Unit: mm



■ **Block Diagram**



■ **Derating Curve**

