


Features:

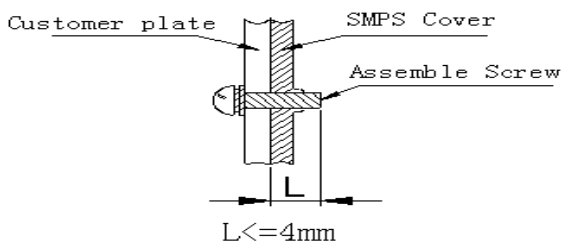
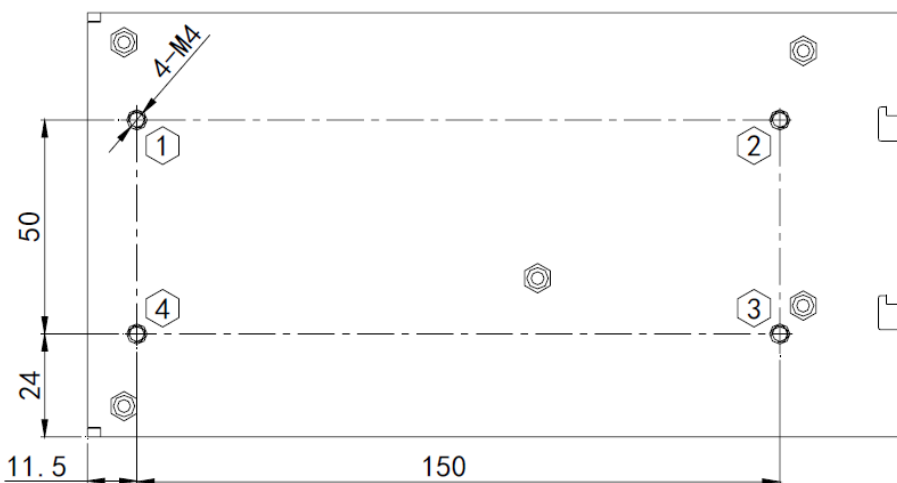
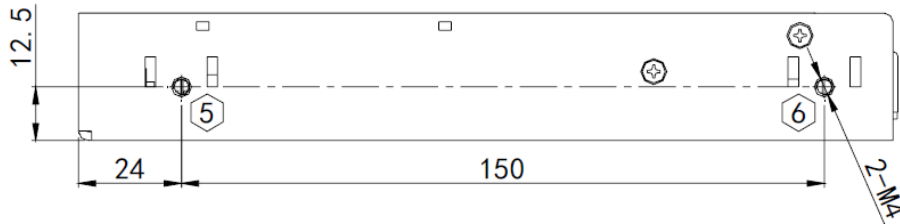
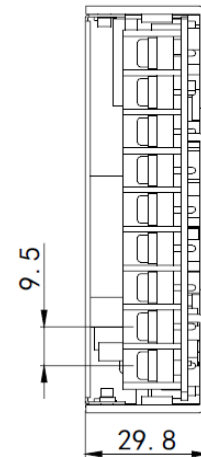
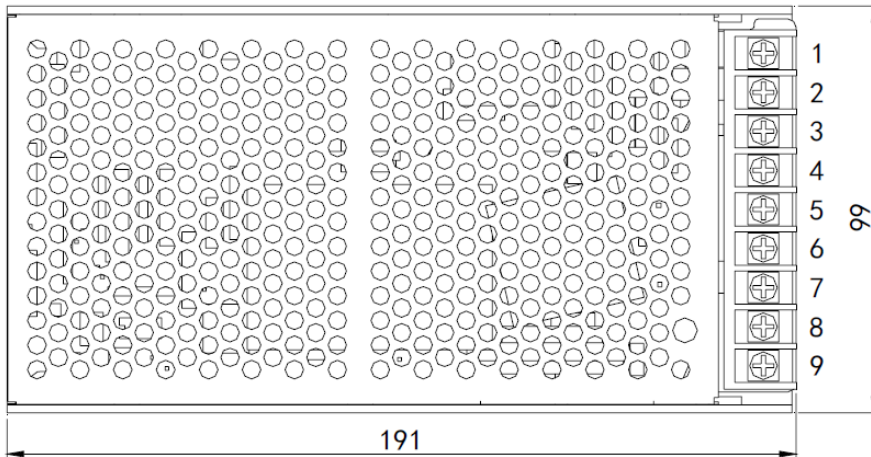
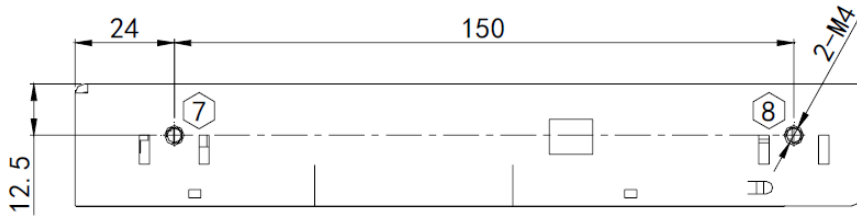
- AC input selectable by switch (115Vac/230Vac)
- High efficiency, long life and high reliability
- Output protections: OLP/SCP/OVP/OPP
- Wide operating ambient temp (-25°C~70°C)
- 100% full load burn-in test
- Altitude up to 5000m
- 1U low profile
- Cooling by free air convection
- 3 years warranty

SPECIFICATION

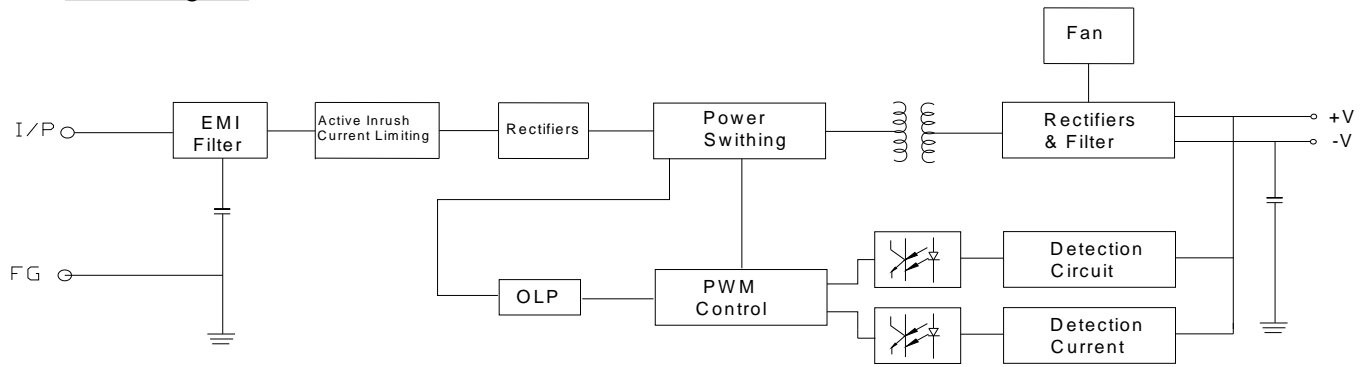
MODEL	LPD-200-12		LPD-200-24		
OUTPUT	DC Output	12V		24V	
	Rated Current	16.67A		8.33A	
	Current Range	Note 1	0~16.67A		
	Ripple and Noise	0~70°C	≤150mV		
		Note 2 -25°C	≤300mV		
	Voltage ADJ. Range	10.2~13.8V		21.6~28.8V	
	Voltage Accuracy	±1.5%		±1.0%	
	Line Regulation	±0.5%			
	Load Regulation	±1.0%		±0.5%	
	Set-up Time	≤2.0S (230/115Vac input, Full load)			
	Hold up Time	≥16mS(230Vac input, Full load)		≥12mS(115Vac input, Full load)	
	Temperature Coefficient	±0.03%/°C			
Overshoot and Undershoot	<5.0%				
INPUT	Voltage Range	90Vac~132Vac/180Vac~264Vac			
	Frequency Range	47Hz~63Hz			
	Efficiency (Typical) @230Vac	≥86.5%		≥88.5%	
	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 Load	18.33~30.0A, Hiccup mode, auto recovery		9.17~15.0A, Hiccup mode, auto recovery	
	Over power	220~360W, Hiccup mode, auto recovery		220~360W, Hiccup mode, auto recovery	
	Over voltage	13.8~16.2V, Constant voltage, auto recovery		28.8~33.6V, 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 Note 3	Safety Standards	Meet GB4943 / EN60950			
	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	TBD			
	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 http://www.powerld.com.cn .				

■ Mechanical Specification

Unit: mm



■ **Block Diagram**



■ **Derating Curve**

