Features:

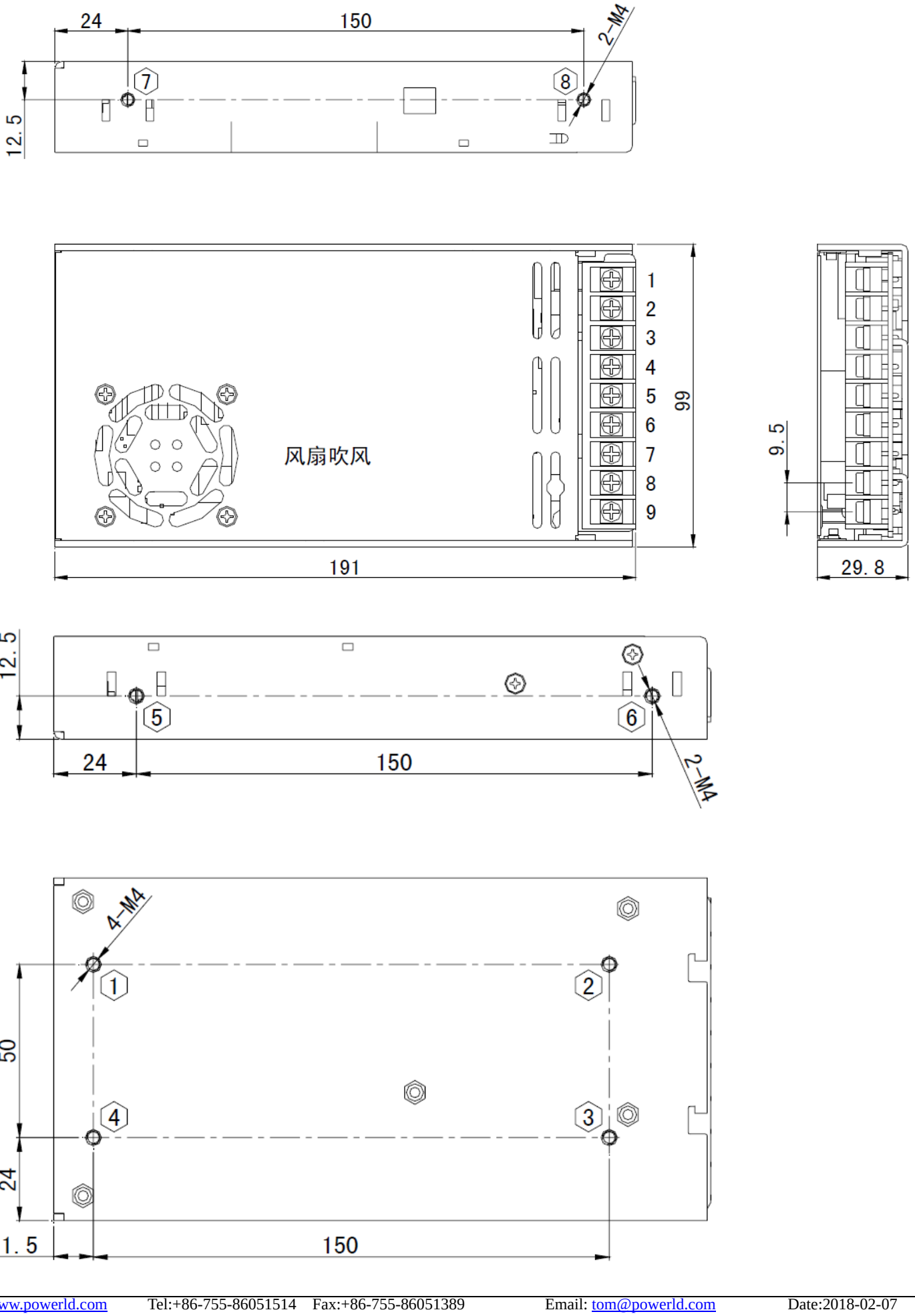
- AC input selectable by switch (115Vac/230Vac)
- High efficiency, long life and high reliability
- Output protections: OLP/OVP/SCP
- Wide operating ambient temp (-25℃~70℃)
- Altitude up to 5000m
- All using 105℃ long life electrolytic capacitors.
- 100% full load burn-in test
- 3 years warranty

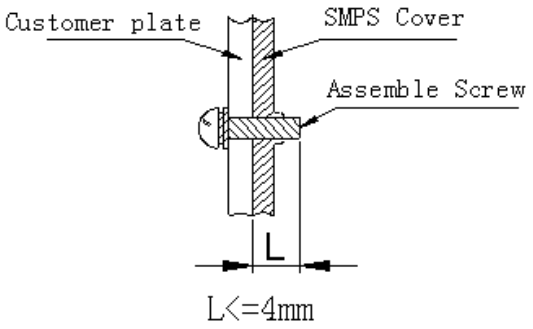
SPECIFICATION

MODEL			LPD-350-12	LPD-350-24
OUTPUT	DC Output		12V	24V
	Rated Current		29.17A	14.58A
	Current Range		0~29.17A	0~14.58A
	Ripple and Noise Note 2	0~70℃	≤150mV	≤150mV
		-25℃	≤300mV	≤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		≤2.3S Full load	
	Hold up Time		≥12mS/115Vac input, Full load; ≥16mS/230Vac input, Full load	
	Temperature Coefficient		±0.03%/℃	
	Overshoot		<5.0%	
INPUT	Voltage Range		90Vac~132Vac/180Vac~264Vac	
	Frequency Range		47Hz~63Hz	
	Efficiency @230Vac input		≥85%	≥87%
	AC Current (max.)		＜6.8A/115Vac ; <3.4A/230Vac	
	Inrush Current		＜60A@ 115Vac/230Vac Cold start	
	Leakage Current		Input—output:<0.25mA Input—PG:<2.0mA (Input 240Vac)	
PROTECTION	Over Load		30.63~43.75A	15.31~21.88A
			Protection type: Hiccup mode, auto recovery	
	Over Power		367.5~525W	367.5~525W
			Protection type: Hiccup mode, auto recovery	
	Over voltage		13.8~16.2V	28.8~33.6V
			Protection type: Constant voltage, auto recovery	
	Shorted Circuit		Long-term mode, auto recovery	
ENVIRONMENT	Operating amb. Temp. & Hum.		-25℃~70℃; 20%~90%RH No condensing	
	Storage Temp. & Hum.		-40℃~85℃; 10%~95%RH No condensing	
SAFETY &EMC Note 3	Safety Standards		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℃, Full load)	
	Dimension (L*W*H)		190*99*30mm	
	Packing		TBD	
	Cooling method		Cooling by forced air (Built-in DC fan)	
NOTE	1. All parameters NOT specially mentioned are measured at rated input, rated load and 25℃ 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.			

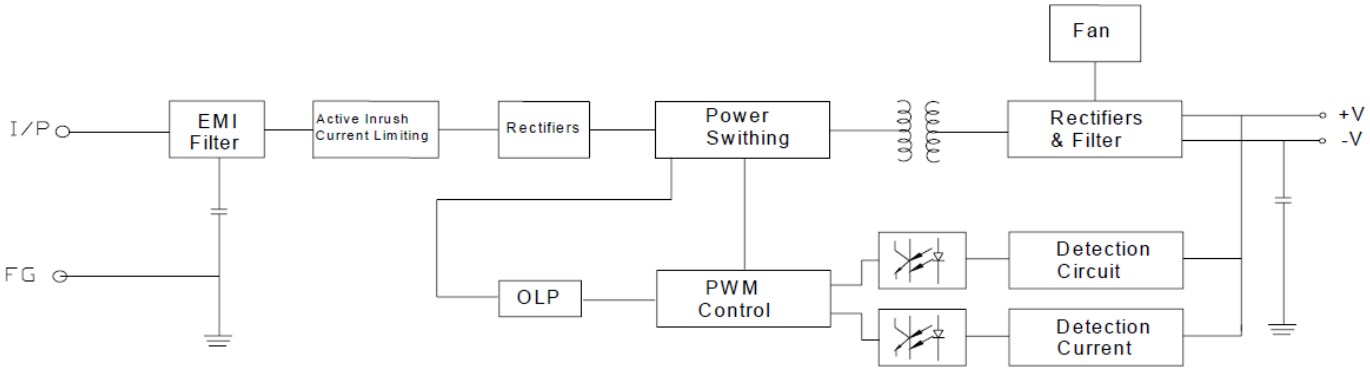
Mechanical Specification

Unit: mm





■ Block Diagram



■ Derating Curve