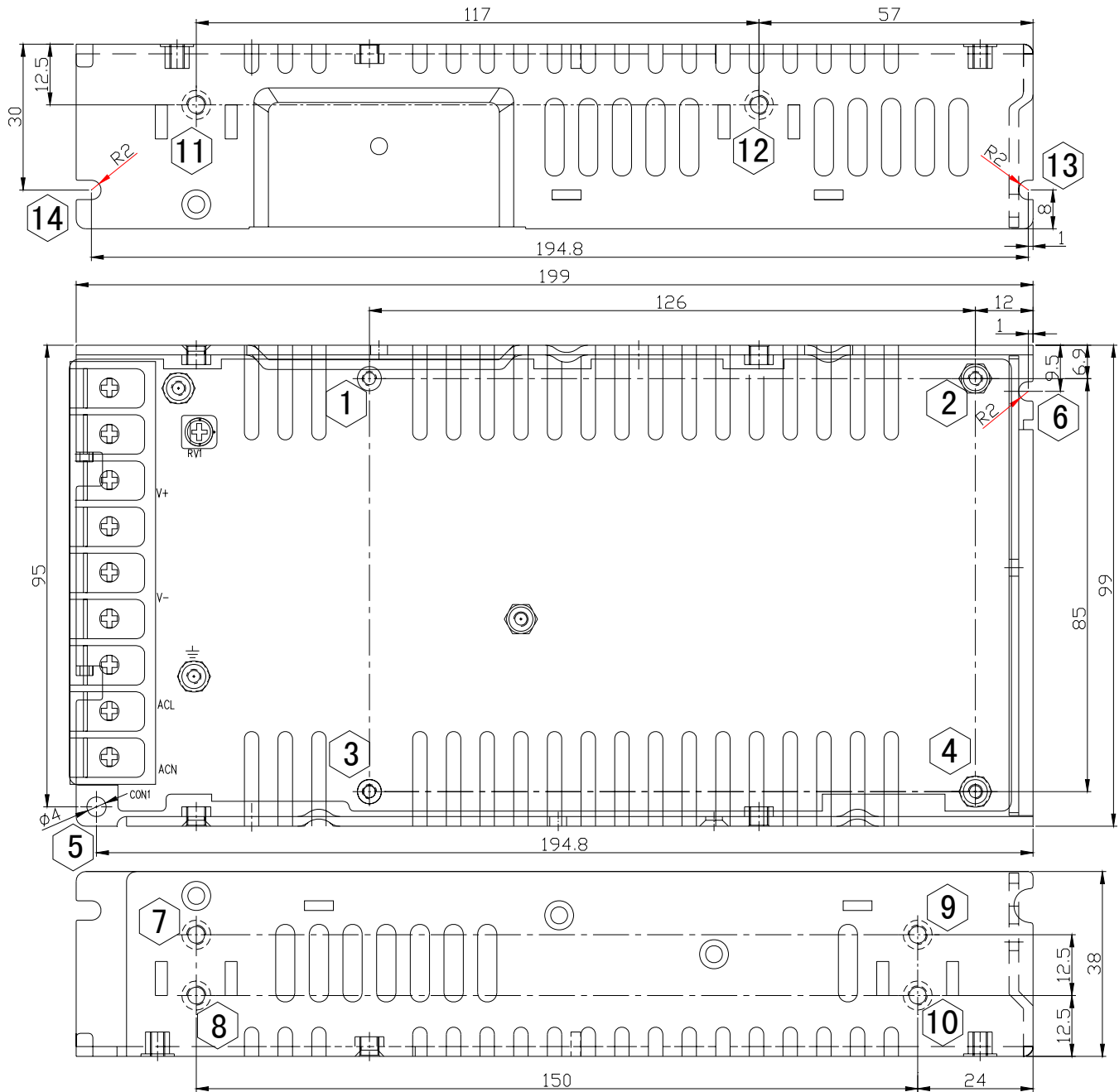



Features:

- Universal AC input range (90~264Vac)
- Built-in Active PFC function, PF>0.95
- Miniature size, high power density, high efficiency, long life and high reliability
- Withstand 300VA surge input for 5 secs.
- Output protections: OLP/SCP/OPP
- Wide operating ambient temp (-20°C~70°C)
- Operating altitude up to 5000M
- 100% full load burn-in test
- Easy assembling from top side
- PCB soldering side with conformal coating
- Suitable for critical applications
- 3 years warranty

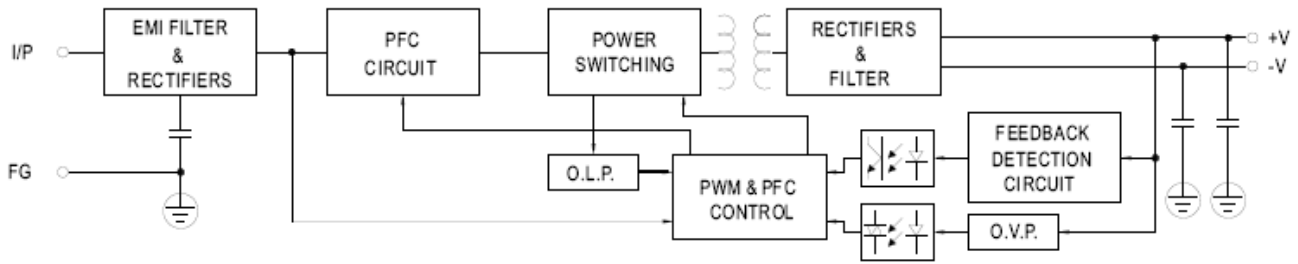
SPECIFICATION


MODEL		PWF-200L-12II	PWF-200L-24II	PWF-200L-48II	
OUTPUT	DC Output	12V	24V	48V	
	Rated Current	16.7A	8.4 A	4.2A	
	Current Range	0~16.7A	0~8.4A	0~4.2A	
	Ripple and Noise	0~65°C	≤150mV	≤200mV	≤150mV
	Note 2	-20~0°C	≤200mV	≤200mV	≤150mV
	Voltage ADJ. Range	10~15.5V	20~27.2V	42~53V	
	Voltage Accuracy	±2.0%	±1.0%	±1.0%	
	Line Regulation	±0.5%	±0.5%	±0.5%	
	Load Regulation	±2.0%	±1.0%	±1.0%	
	Set-up Time	≤2S (230VAC input, Full load)& ≤4S (115VAC input, Full load)			
	Hold up Time	≥16mS (115 / 230VAC IN AT FULL LOAD)			
	Temperature Coefficient	±0.03%/°C			
	Overshoot and Undershoot	<5.0%			
INPUT	Voltage Range	90Vac~264Vac			
	Frequency Range	47Hz~63Hz			
	Power factor (typical)	PF>0.98@115Vac, PF>0.95@230Vac			
	Efficiency (Typical) 230Vac input	≥87%	≥88%	≥88.5%	
	AC Current (max.)	<3 A			
	Inrush Current (Typical)	<30@115Vac, <50A@230Vac Cold start			
	Leakage Current	Input—output: ≤0.25mA Input—PG: ≤3.5mA			
PROTECTION	Over Load	105%~150% of rated output current, hiccup mode, auto recovery			
	Over power	105%~150% of rated output current, hiccup mode, auto recovery			
	Short Circuit	Long-term mode, auto recovery			
ENVIRONMENT	Operating amb. Temp. & Hum.	-20°C~65°C; 20%~90%RH No condensing (refer to the derating curve)			
	Storage Temp. & Hum.	-40°C~85°C; 10%~95%RH No condensing			
SAFETY & EMC Note 3	Safety Standards	UL60950-1 2 nd Ed; IEC 60950-1:2005(2 nd Ed); EN60950-1:2006			
	Withstand Voltage	Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:1.5KVac; ≤10mA. Secondary-PG:0.5KVDC; ≤10mA.			
	Isolation Resistance	100M ohms			
	EMS Emission	Compliance to EN55022, EN55024, FCC PART 15 CLASS B			
	Harmonic Current	Compliance to EN61000-3-2, Class D			
	EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; heavy industry level			
OTHERS	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)			
	Dimension (L*W*H)	199×99×38mm			
	Packing	20PCS/CTN, 16KGS, 0.04CBM			
	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


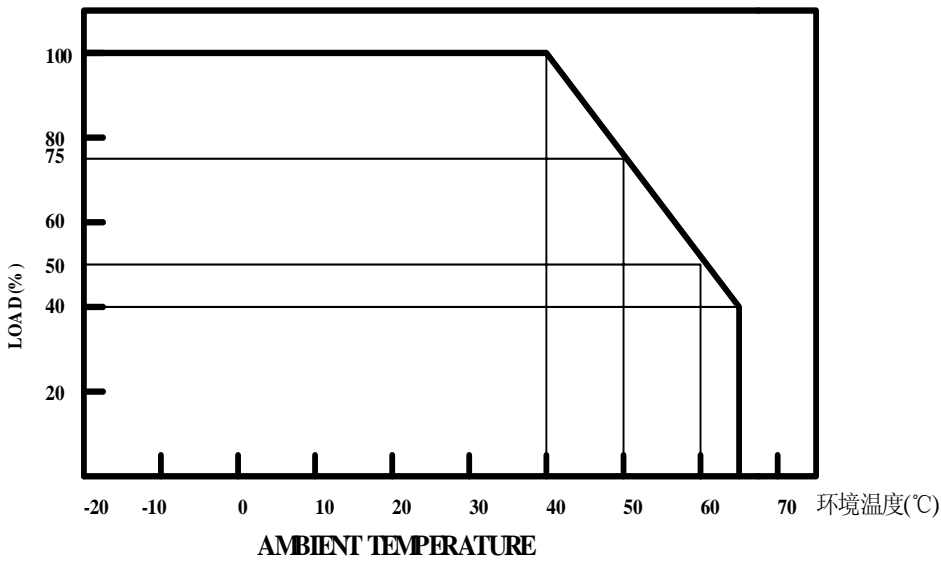
① — ④	M3	2.5mm	6.5Kgf.cm (max)
⑤ — ⑥	M3	4mm	6.5Kgf.cm (max)
⑦ — ⑩	M3	4mm	6.5Kgf.cm (max)
⑪ — ⑫	M3	4mm	6.5Kgf.cm (max)
⑬ — ⑭	M4	4mm	12Kgf.cm (max)

■ **Block Diagram**



■ **Derating Curve**

Derating Curve



输入电压—负载降额曲线

Ta=25°C

