



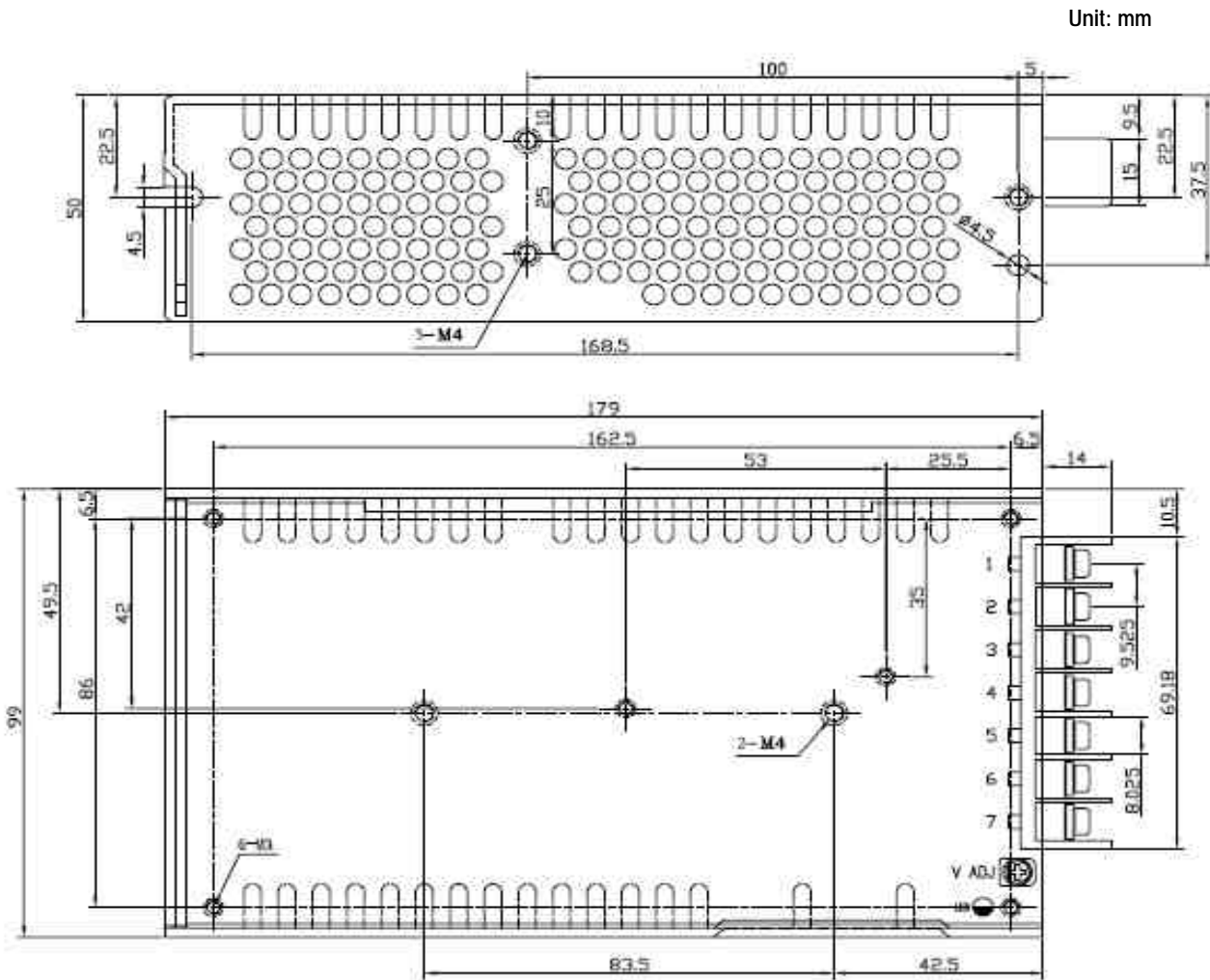
■ Features:

- Universal AC input/ Full range
- High Efficiency, and High reliability
- Output protections: SCP/OVP/OPP/OLP
- Wide operating ambient temperature (-10 ~60 )
- All using 105 long life electrolytic capacitors.
- 100% full load burn-in test
- 2 years warranty

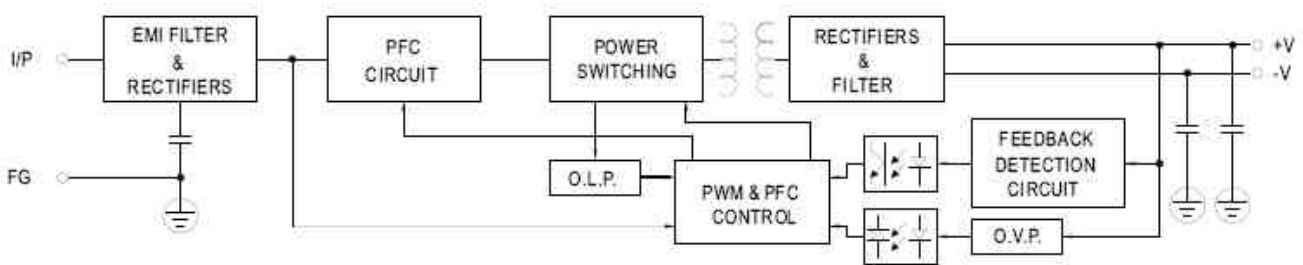
**SPECIFICATION**

MODEL		PDF-150-5	PDF-150-12	PDF-150-15	PDF-150-24	PDF-150-48	
OUTPUT	DC Output	5.0V	12V	15V	24V	48V	
	Rated Current	30A	12.5A	10.0A	6.3A	3.2A	
	Current Range Note 1	0~30A	0~12.5A	0~10A	0~6.3A	0~3.2A	
	Ripple and Noise Note 2	100mV	100mV	100mV	150mV	240mV	
	Voltage ADJ. Range	4.0V~6.0V	10.0V~14.0V	12.0V~18.0V	20.0V~28.0V	42.0V~54V	
	Voltage Accuracy	± 2.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%	
	Line Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%	
	Load Regulation	± 1.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%	
	Set-up Time	< 2.0S (120Vac input, Full load) ; < 1.0S (230Vac input, Full load)					
	Hold up Time	> 20mS(120Vac/230Vac input, Full load)					
	Temperature Coefficient	± 0.03%/					
Overshoot and Undershoot	<5.0%						
INPUT	Voltage Range	85Vac~264Vac					
	Frequency Range	47Hz~63Hz					
	Power Factor(Typical)	PF > 0.98/120VAC PF > 0.94/230VAC					
	Efficiency ( Typical)	120Vac input	80%	83%	83%	83%	83%
		230Vac input	82%	86%	86%	86%	
	AC Current (max.)	2.0A					
	Inrush Current (Typical)	30A@120Vac; 60A@230Vac Cold start					
Leakage Current	Input- output:<0.25mA Input- PG:<3.5mA						
PROTECTION	Over Power	105%~150% of rated output current, auto recovery					
	Over Current	105%~150% of rated output current, auto recovery					
	Over Voltage	110%~150% of rated output voltage, shut dow(5V) 110%~130% of rated output voltage, shut dow(48V)					
		110%~140% of rated output voltage, shut dow(12V/15V/24V)					
Shorted Circuit	Long-term mode, auto recovery						
ENVIRONMENT	Operating amb. Temp. & Hum.	-10 ~60 ; 20%~90% RH No condensing;please refer to the derating curve					
	Storage Temp. & Hum.	-40 ~85 ; 10%~95% RH No condensing					
SAFETY & EMC (Note3)	Safety Standards	GB4943-2001; EN60950-1 : 2006					
	Withstand Voltage	Primary-Secondary:3.0KVac; 10mA .Primary-PG:1.5KVac; 10mA. Secondary-PG:0.5KVDC ; 10mA.					
	Isolation Resistance	100M ohms					
	EMI Conduction&Radiation	Compliance to EN55022 ClassB					
	Harmonic Current	Compliance to EN61000-3-2,17625.1-2003					
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11;ENV50204,light industry level,criteriaA						
OTHERS	MTBF (MIL-HDBK-217F)	More than 100,000Hrs (25 , Full load)					
	Dimension (L*W*H)	194× 99× 50mm					
	Packing	20PCS/CTN. G.W:15.2kgs					
	Cooling method	Cooling by free air convection					
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 & 47uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives.						

■ Mechanical Specification



■ Block Diagram



■ Derating Curve

