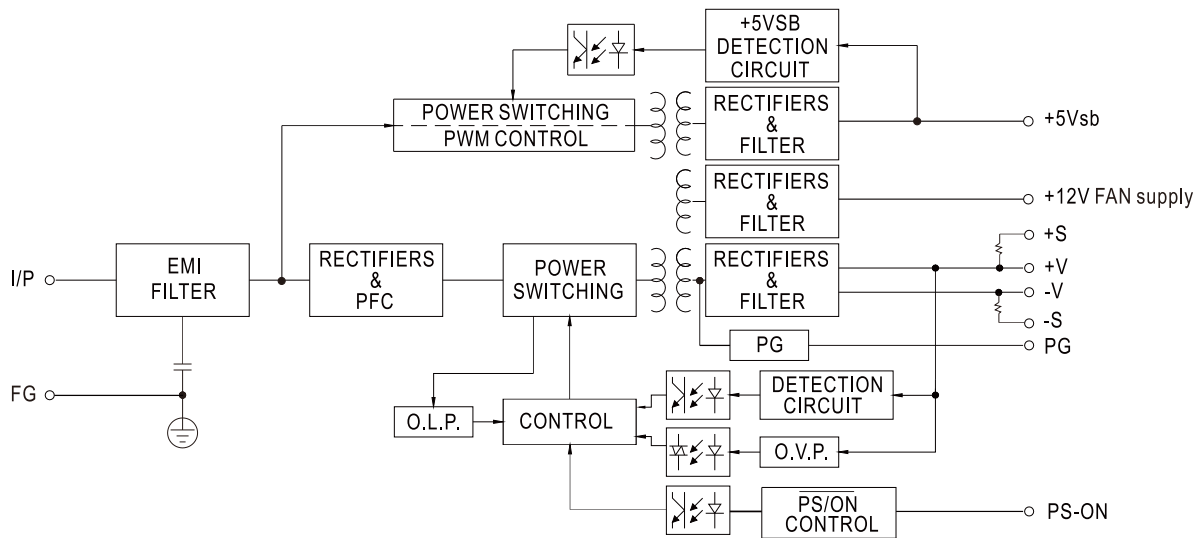




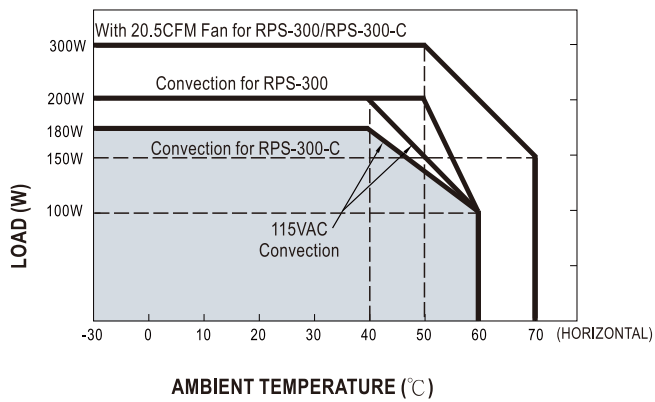
SAFETY & EMC (Note 7)	<b>SAFETY STANDARDS</b>	IEC60601-1, TUV EN60601-1, EAC TP TC 004, UL ANSI/AAMI ES60601-1 (3.1 version), CAN/CSA-C22.2 No. 60601-1:14 - Edition 3 approved; Design refer to EN60335-1		
	<b>ISOLATION LEVEL</b>	Primary-Secondary: 2xMOPP, Primary-Earth:1xMOPP, Secondary-Earth:1xMOPP		
	<b>WITHSTAND VOLTAGE</b>	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC		
	<b>ISOLATION RESISTANCE</b>	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH		
	<b>EMC EMISSION</b>	<b>Parameter</b>	<b>Standard</b>	<b>Test Level / Note</b>
		Conducted emission	EN55011 (CISPR11)	Class B
		Radiated emission	EN55011 (CISPR11)	Class B
		Harmonic current	EN61000-3-2	Class A
		Voltage flicker	EN61000-3-3	-----
	<b>EMC IMMUNITY</b>	EN60601-1-2		
<b>Parameter</b>		<b>Standard</b>	<b>Test Level / Note</b>	
ESD		EN61000-4-2	Level 4, 15KV air ; Level 4, 8KV contact	
RF field susceptibility		EN61000-4-3	Level 3, 10V/m( 80MHz~2.7GHz ) Table 9, 9~28V/m( 385MHz~5.78GHz )	
EFT bursts		EN61000-4-4	Level 3, 2KV	
Surge susceptibility		EN61000-4-5	Level 4, 4KV/Line-FG ; 2KV/Line-Line	
Conducted susceptibility		EN61000-4-6	Level 3, 10V	
Magnetic field immunity		EN61000-4-8	Level 4, 30A/m	
Voltage dip, interruption		EN61000-4-11	100% dip 1 periods, 30% dip 25 periods, 100% interruptions 250 periods	
OTHERS	<b>MTBF</b>	160Khrs min. MIL-HDBK-217F (25°C )		
	<b>DIMENSION (L*W*H)</b>	PCB type:127*76.2*35mm or 5**3**1.37"inch		
		Enclosed type:130*86*43mm or 5.11**3.39**1.69"inch		
<b>PACKING</b>	PCB type:0.37Kg; 36pcs/14.3Kg/1.03CUFT			
	Enclosed type:0.563Kg; 24pcs/14.5Kg/0.77CUFT			
<b>NOTE</b>	<ol style="list-style-type: none"> <li>All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.</li> <li>Ripple &amp; noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μf &amp; 47μf parallel capacitor.</li> <li>Tolerance : includes set up tolerance, line regulation and load regulation.</li> <li>Derating may be needed under low input voltages. Please check the derating curve for more details.</li> <li>Touch current was measured from primary input to DC output.</li> <li>The ambient temperature derating of 3.5°C/1000m with fanless models and of 5°C/1000m with fan models for operating altitude higher than 2000m(6500ft).</li> <li>The power supply is considered a component which will be installed into a final equipment. All the Class I (with FG) EMC tests are executed by mounting the unit on a 360mm*360mm metal plate with 1mm of thickness. 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." (as available on <a href="http://www.meanwell.com">http://www.meanwell.com</a>)</li> </ol>			

### Block Diagram

PFC fosc : 65KHz  
PWM fosc : 70KHz



### Derating Curve



### Output Derating VS Input Voltage

