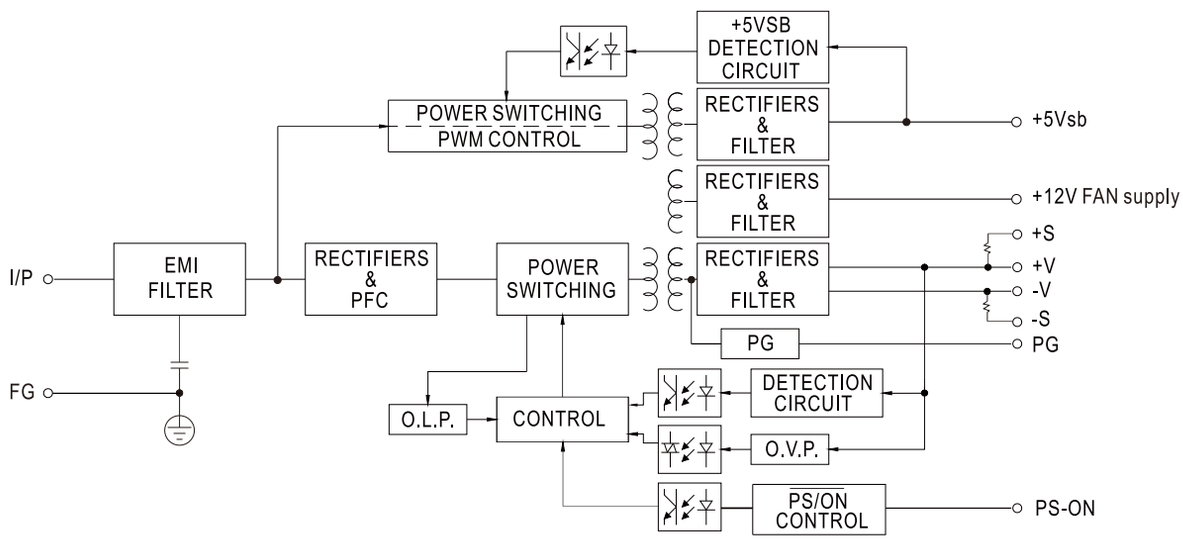
SAFETY & EMC (Note 7)	**SAFETY STANDARDS**	IEC60601-1, TUV EN60601-1,EAC TP TC 004, UL ANSI / AAMI ES60601-1 (3.1 version), CAN/CSA-C22.2 No. 60601-1:14 - Edition 3 approved; Design refer to EN60335-1		
	ISOLATION LEVEL	Primary-Secondary: 2xMOPP, Primary-Earth:1xMOPP, Secondary-Earth:1xMOPP		
	WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.5KVAC		
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃ / 70% RH		
	EMC EMISSION	**Parameter**	**Standard**	**Test Level / Note**
		Conducted emission	EN55011 (CISPR11)	Class B
		Radiated emission	EN55011 (CISPR11)	Class B
		Harmonic current	EN61000-3-2	Class A
		Voltage flicker	EN61000-3-3	-----
	EMC IMMUNITY	EN60601-1-2		
		Parameter	**Standard**	**Test Level / Note**
		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	**MTBF**	160Khrs min. MIL-HDBK-217F (25℃)		
	DIMENSION (L*W*H)	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		
	PACKING	PCB type:0.37Kg; 36pcs/14.3Kg/1.03CUFT		
		Enclosed type:0.563Kg; 24pcs/14.5Kg/0.77CUFT		

NOTE

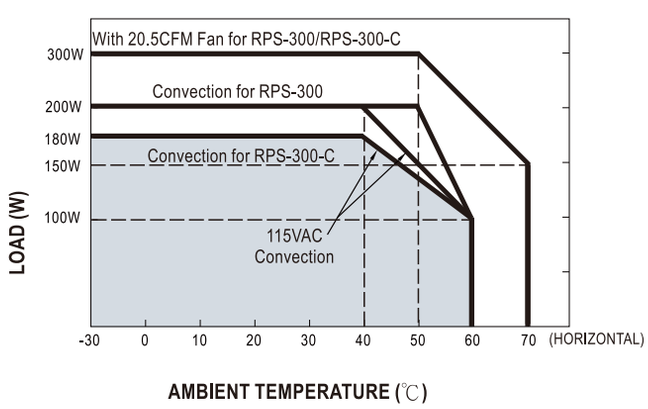
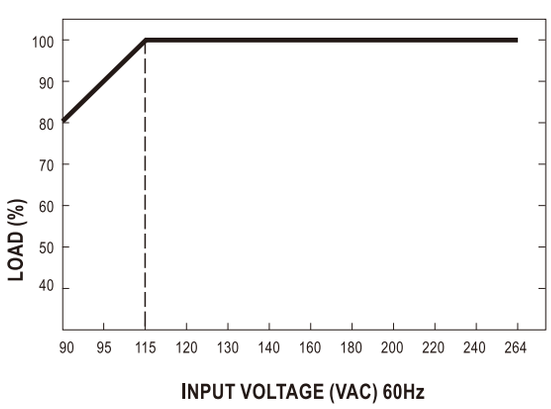
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25 of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μf & 47μf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. Derating may be needed under low input voltages. Please check the derating curve for more details.
5. Touch current was measured from primary input to DC output.
6. The ambient temperature derating of 3.5℃/1000m with fanless models and of 5℃/1000m with fan models for operating altitude higher than 2000m(6500ft).
7. 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 http://www.meanwell.com)

■ Block Diagram

PFC fosc : 65KHz
PWM fosc : 70KHz



■ Derating Curve



■ Output Derating VS Input Voltage