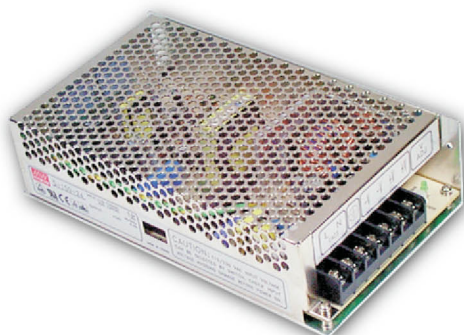


200W Mini Size Type Power Supply **SA5C200W series**



■ Features :

- Protections: Short circuit / Overload / Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- Fixed switching frequency at 25KHz
- 2 years warranty



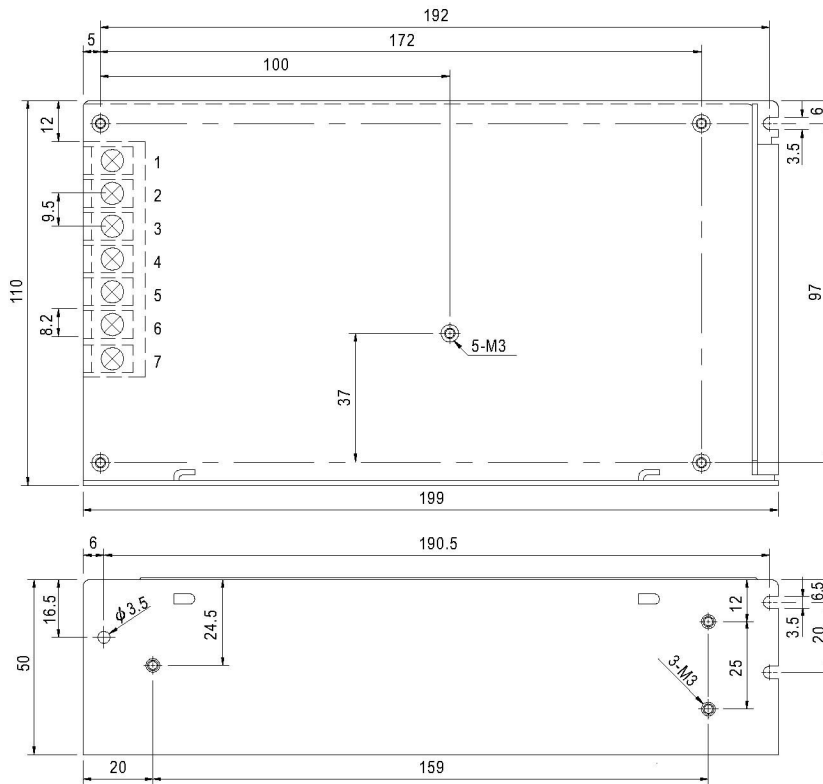
SPECIFICATION

MODEL		SA5C200W05	SA5C200W12	SA5C200W24	SA5C200W36	SA5C200W48
OUTPUT	DC VOLTAGE	5VDC	12VDC	24VDC	36VDC	48VDC
	RATED CURRENT	40A	16.7A	8.5A	5.6A	4.2A
	CURRENT RANGE	0-40A	0-16.7A	0-8.5A	0-5.6A	0-4.2A
	RATED POWER	200W	200W	200W	200W	200W
	RIPPLE & NOISE (max.) Note.2	100mVP	100mVP	100mVP	100mVP	120mVP
	VOLTAGE RANGE	+2%	+1%	+1%	+1%	+1%
	HOLD UP TIME	30ms/230VAc				
SETUP, RISE TIME	200ms,80ms/230VAC					
INPUT	VOLTAGE RANGE	170-264VAC				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	75%	83%	85%	85%	86%
	AC CURRENT (Typ.)	2.5A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START ,50A/230V				
	LEAKAGE CURRENT	<3.5mA / 240VAC				
PROTECTION	OVERLOAD Note.5	105 ~ 150% rated output power Protection type:Shut down o/p voltage,recovers automatically after fault condition is removed				
	OVER VOLTAGE	Protection type:Constant voltage limiting ,recovers automatically after fault condition is removed				
ENVIRONMENT	WORKING TEMP.	-10 ~ +60℃ (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-20 ~ +85℃, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.03%/℃ (0 ~ 50℃)				
VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes					
SAFETY & EMC (Note 4)	SAFETY STANDARDS	cOMPLIANCE TO ul60950-1				
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃/ 70% RH				
	EMC STANDARDS	cOMPLIANCE TO en55022 cKASS b,en61000-6-1				
OTHERS	DIMENSION	199*110*50mm (L*W*H)				
	PACKING	0.8Kg; 16pcs/13.8Kg/0.95CUFT				
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 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives. 5. If the power supply is short-circuited under no load, it will recover automatically when short-circuit is removed.					

200W Mini Size Type Power Supply **SA5C200W series**

Mechanical Specification

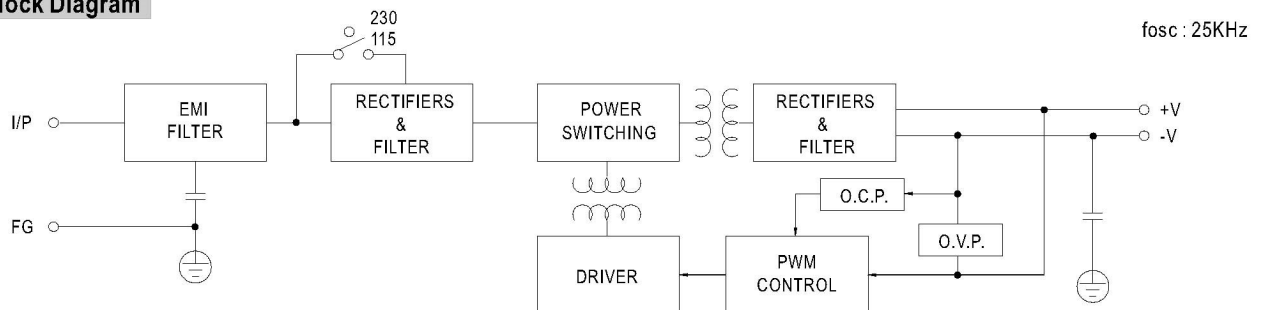
Case No. 906 Unit:mm



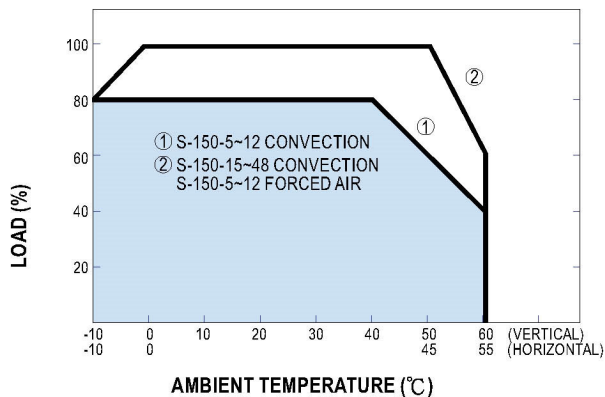
Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4,5	DC OUTPUT -V
2	AC/N	6,7	DC OUTPUT +V
3	FG		

Block Diagram



Derating Curve



Static Characteristics (24V)

