

CSF300-3R3□□

Option
None: Bottom, Top case included
B : Bottom case only included
 Output voltage combination
 Total output wattage
 Series name

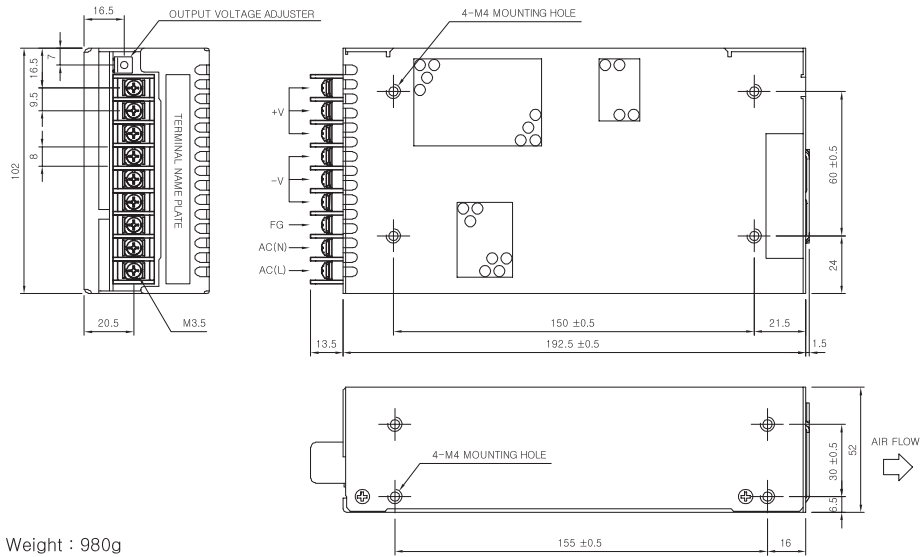
Features:

- 300 Watt
- Single output
- Small Size
- Low cost
- Universal input voltage range
- Over voltage protection (except for 15W)
- Over current protection
- Up to 4 year warranty



	MODEL	CSF300-3R3	CSF300-05	CSF300-09	CSF300-12	CSF300-15	CSF300-24	CSF300-48
INPUT	VOLTAGE, FREQUENCY	AC 100-240V (AC85 ~ 264V or DC125 ~ 370V), 50/60Hz (47 ~ 63Hz), Universal input						
	CURRENT [A]	110V	2.5 (1 ₀ =100%)					
		220V	1.3 (1 ₀ =100%)					
	POWER FACTOR	110V	0.98					
		220V	0.92					
	EFFICIENCY [%]	110V	70 typ	78 typ	79 typ	80 typ	83 typ	84 typ
OUTPUT		220V						85 typ
	INRUSH CURRENT	20A typ (AC IN 110V, 1 ₀ =100%), 40A typ (AC IN 220V, 1 ₀ =100%) at cold start						
	VOLTAGE [V]	3.3	5	9	12	15	24	48
	CURRENT [A]	55	55	33.3	26	21	13	6.7
	REGULATION, LINE [mV]	25 Max	25 Max	45 Max	60 Max	75 Max	120 Max	240 Max
	REGULATION, LOAD [mV]	50 Max	50 Max	90 Max	120 Max	150 Max	240 Max	480 Max
	RIPPLE [mVp-p]	80 Max	80 Max	90 Max	120 Max	120 Max	120 Max	150 Max
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	120 Max	150 Max	150 Max	150 Max	250 Max
	TEMPERATURE DRIFT 0~50°C [mV]	50 Max	75 Max	135 Max	180 Max	225 Max	360 Max	720 Max
PROTECTION CIRCUIT	RISE TIME [ms]	600 Max (AC IN 85V, 1 ₀ =100%)						
	HOLDING TIME [ms]	17 typ (AC IN 85V, 1 ₀ =100%)						
ELECTRICALLY ISOLATED	OVER CURRENT PROTECTION	Works at over 105% of rating and recovers automatically						
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating						
ENVIRONMENT	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)						
	INPUT-CASE, FG	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)						
	OUTPUT-CASE-FG	AC 500V 1 minute current 100mA, DC 500V 100mΩ (At room temperature & humidity)						
SAFETY	OPERATING TEMP AND HUMID	-10 ~ +65°C (Required derating), 20 ~ 90% RH (Non condensing)						
	STORAGE TEMP AND HUMID	-20 ~ +75°C, 20 ~ 90% RH (Non condensing)						
	VIBRATION	10 ~ 55Hz at 1G, 3 minute period, 30 minutes along X, Y and Z axis						
	IMPACT	10G for 20ms, once on each X, Y and Z axis						
SAFETY	SAFETY REGULATION	UL, C-UL, CE, CB						
	LINE CONDUCTED RF VOLTAGE	Complies with FCC Part 15, VCCI-A, CISPR22-A, EN55022-A						

CSF300-S EXTERNAL VIEW



- * Weight : 980g
- * Tolerance : ± 1
- * Dimensions in mm