

CSF100-3R3□□

Option

None: Bottom, Top case included**B** : Bottom case only included

Output voltage combination

Total output wattage

Series name

Features:

- 100 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	CSF100-3R3	CSF100-05	CSF100-09	CSF100-12	CSF100-15	CSF100-24	
INPUT	VOLTAGE, FREQUENCY	AC 90-132V / 180-264V or DC 240V ~ 370V (Auto selectable), 50/60Hz (47 ~ 440Hz)						
	CURRENT [A]	110V	1.2 (1 ₀ =100%)	2.0 (1 ₀ =100%)				
		220V	0.9 (1 ₀ =100%)	1.2 (1 ₀ =100%)				
	EFFICIENCY [%]	110V	73 typ	81 typ	81 typ	83 typ	83 typ	83 typ
		220V	75 typ	83 typ	83 typ	85 typ	85 typ	86 typ
	INRUSH CURRENT	20A typ (AC IN 110V, 1 ₀ =100%), 40A typ (AC IN 220V, 1 ₀ =100%) at cold start						
OUTPUT	VOLTAGE [V]	3.3	5	9	12	15	24	48
	CURRENT [A]	20	20	11	8.4	6.7	4.2	2.1
	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	150 Max	240 Max	480 Max
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	140 Max	170 Max	200 Max	290 Max	530 Max
	TEMPERATURE DRIFT 0~50°C [mV]	50 Max	75 Max	135 Max	180 Max	225 Max	360 Max	720 Max
	RISE TIME [ms]	600 Max (AC IN 85V, 1 ₀ =100%)						
	HOLDING TIME [ms]	17 typ (AC IN 85V, 1 ₀ =100%)						
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 105% of rating and recovers automatically						
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating						
ELECTRICALLY ISOLATED	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)						
ENVIRONMENT	OPERATING TEMP AND HUMID	-10 ~ +70°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	Built to meet EN55022-B						

CSF100-S EXTERNAL VIEW

