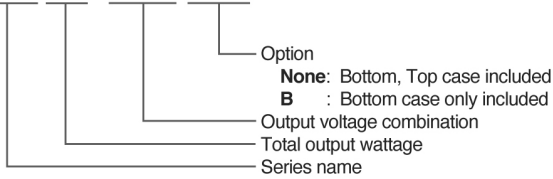


CSF1500-3R3□□



Features:

- 1500 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		CSF1500-05	CSF1500-09	CSF1500-12	CSF1500-15	CSF1500-24	CSF1500-48
INPUT	VOLTAGE, FREQUENCY		AC100-240V (AC90~264V or DC127-370V), 47/63Hz (47~63Hz Universal input voltage)					
	CURRENT [A]	110V	14(1 _o =100%)	15 (1 _o =100%)	16 (1 _o =100%)			
		220V	7 (1 _o =100%)	7.5 (1 _o =100%)	7.8 (1 _o =100%)			
	POWER FACTOR	110V	0.98					
		220V	0.95					
	EFFICIENCY [%]	110V	78 typ	82 typ	83 typ	83 typ	86 typ	87 typ
		220V	80 typ	85 typ	87 typ	87 typ	90 typ	91 typ
INRUSH CURRENT		30A typ (AC IN 110V, 1 _o =100%), 60A typ (AC IN 220V, 1 _o =100%) at cold start						
OUTPUT	VOLTAGE	[V]	5	9	12	15	24	48
	CURRENT	[A]	240		125	180	83	32
	REGULATION, LINE	[mV]	25 Max		60 Max	75 Max	120 Max	240 Max
	REGULATION. LOAD	[mV]	100 Max		60 Max	75 Max	120 Max	240 Max
	RIPPLE	[mVp-p]	120 Max		120 Max	120 Max	120 Max	180 Max
	RIPPLE, NOISE	[mVp-p]	150 Max		150 Max	150 Max	150 Max	200 Max
	TEMPERATURE DRIFT 0~50°C	[mV]	75 Max		180 Max	225 Max	360 Max	740 Max
	RISE TIME	[ms]	1500 typ, 100 typ (AC IN 110/220V, 1 _o =100%)					
	HOLDING TIME	[ms]	10 typ (AC IN 110V, 1 _o =100%)15 typ (AC IN 220V, 1 _o =100%)					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works at over 105% of rating and recovers automatically Protection type: Constant current limiting unit will shut down o/p voltage after 5sec. Re-power on to recover					
	OVER VOLTAGE PROTECTION		Works at 115~140% of rating Protection type: Shut down o/p voltage, re-power on to recover					
ELECTRICALLY ISOLATED	INPUT-OUTPUT		AC3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)					
	INPUT-CASE, FG		AC2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & humidity)					
	OUTPUT-CASE-FG		AC500V 1 minute current 100mA, DC 500V 100MΩ (At room temperature & humidity)					
ENVIRONMENT	OPERAIING TEMP AND HUMID		-10~+70°C (Required derating), 20~90% RH (Non condensing)					
	STORAGE TEMP AND HUMID		-20~+85°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, CB					
	LINE CONDUCTED RF VOTAGE		Complies with EN55022-A					

*Peak current is less than 5 sec. (Duty < 0.35)

CSF1500 EXTERNAL VIEW

