

ORDERING INFORMATION

CSF15-DD

Series name

Total output wattage

Output voltage combination

- Inrush current limit
- Short circuit protection
- Over voltage protection
- CH1 isolated from CH2, 3
- Over current protection
- 4 years warranty



CSF15-TRIPLE SPECIFICATIONS



	MODEL	CSF15-DD			CSF15-EE		
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC 85 ~ 264V or DC120 ~ 370V), 50/60Hz (47 ~ 440Hz or DC), Universal input voltage					
	CURRENT [A]	110V	0.4 (I _o =100%)				
		220V	0.25 (I _o =100%)				
	EFFICIENCY [%]	110V	69 typ			68 typ	
		220V	67 typ			67 typ	
INRUSH CURRENT	20A typ (AC IN 110V, I _o =100%), 40A typ (AC IN 220V, I _o =100%) at cold start.						
OUTPUT	VOLTAGE [V]	5	12	12	5	15	15
	CURRENT [A]	0.1 ~ 2	0.3	0.2	0.1 ~ 2	0.7	0.2
	REGULATION, LINE [mV]	25 Max	120 Max	120 Max	25 Max	150 Max	150 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max
	RIPPLE [mVp-p]	80 Max	120 Max	120 Max	80 Max	120 Max	120 Max
	RIPPLE, NOISE [mVp-p]	120 Max	150 Max	150 Max	120 Max	150 Max	150 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	180 Max	75 Max	225 Max	225 Max
	RISE TIME [ms]	800 Max (AC IN 110V I _o =100%)					
	HOLDING TIME [ms]	16 typ (AC IN 110V I _o =100%)					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically					
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating (except for CH2, CH3)					
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)					
	INPUT-FG	AC 2,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)					
	OUTPUT-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 minutes period, 30 minutes along X, Y and Z axis					
	IMPACT	10G for 20ms, once on each X, Y and Z axis					
SAFETY EMISSION PFHC	SAFETY REGULATION	CE, CB			CE, CB		
	LINE CONDUCTED RF VOLTAGE	Complied with EN55022-A, VL60950-1, EN60950-1					