

## CSF50-TRIPLE SPECIFICATIONS



MODEL		CSF50-DD			CSF50-EE		
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC120 ~ 370V), 50/60Hz (47 ~ 440Hz), Universal input voltage					
	CURRENT [A]	110V	1.2 (I <sub>o</sub> =100%),				
		220V	0.7 (I <sub>o</sub> =100%)				
	EFFICIENCY [%]	110V	75 typ			75 typ	
220V							
INRUSH CURRENT		20A typ (AC IN 110V, I <sub>o</sub> =100%), 40A typ (AC IN 220V, I <sub>o</sub> =100%) at cold start.					
OUTPUT	VOLTAGE [V]	5	12	-12	5	15	-15
	CURRENT [A]	0.5 ~ 5	1.8	0.3	0.5 ~ 5	1.4	0.3
	REGULATION, LINE [mV]	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max
	REGULATION, LOAD [mV]	100 Max	240 Max	240 Max	100 Max	300 Max	300 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]	1000 Max (AC IN 100V I <sub>o</sub> =100%)					
	HOLDING TIME [ms]	17 typ (AC IN 100V I <sub>o</sub> =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-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	Built to meet EN55022-B					

## CSF50-TRIPLE EXTERNAL VIEW

