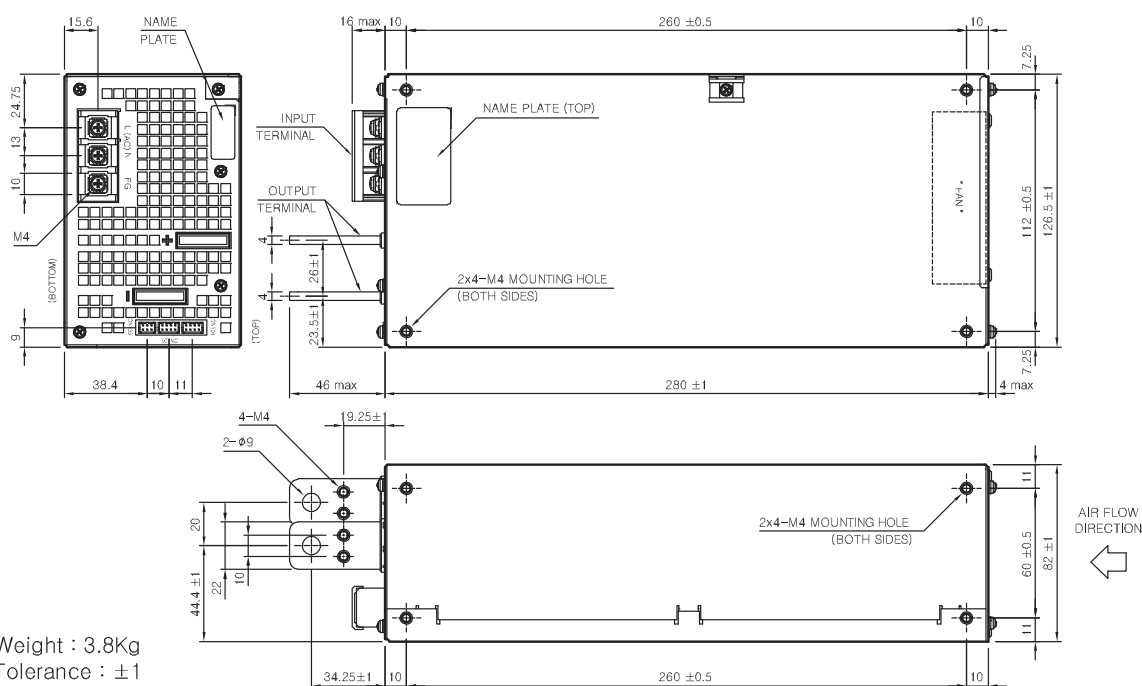


CSF1500-S SPECIFICATIONS



MODEL		CSF1500-05	CSF1500-09	CSF1500-12	CSF1500-15	CSF1500-24	CSF1500-48
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC90 ~ 264V or DC127 ~ 370V), 50/60Hz (47 ~ 63Hz or DC), Universal input voltage					
	CURRENT [A]	110V	14 (I _c =100%)	15 (I _c =100%)	16 (I _c =100%)		
		220V	7 (I _c =100%)	7.5 (I _c =100%)	7.8 (I _c =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, I _c =100%), 60A typ(AC IN 220V, I _c =100%) at cold start.					
OUTPUT	VOLTAGE [V]	5	9	12	15	24	48
	CURRENT [A]	240	150	125	100	63	32
	REGULATION, LINE [mV]	25 Max	45 Max	60 Max	75 Max	120 Max	240 Max
	REGULATION, LOAD [mV]	100 Max	45 Max	60 Max	75 Max	120 Max	240 Max
	RIPPLE [mVp-p]	120 Max	120 Max	120 Max	120 Max	120 Max	180 Max
	RIPPLE, NOISE [mVp-p]	150 Max	150 Max	150 Max	150 Max	150 Max	200 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	135 Max	180 Max	225 Max	360 Max	740 Max
	RISE TIME [ms]	1500 typ, 100 typ (AC IN 110/220V, I _c =100%)					
	HOLDING TIME [ms]	10 typ (AC IN 110V, I _c =100%), 15 typ (AC IN 220V, I _c =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	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 TEMPAND HUMID	-20 ~ +85°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	SAFETY REGULATION	UL, C-UL, CE, CB					
	LINE CONDUCTED RF VOLTAGE	Complied with EN55022-A					

CSF1500-S EXTERNAL VIEW



- * Weight : 3.8Kg
- * Tolerance : ±1
- * Dimensions in mm