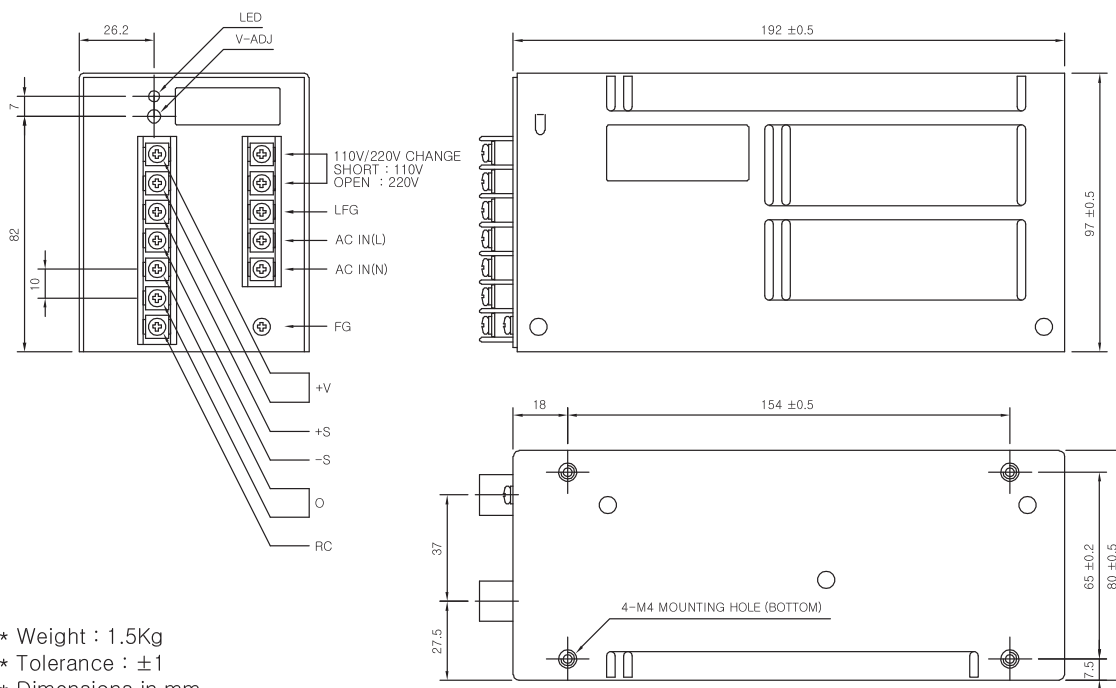


VSF200, 220-S SPECIFICATIONS



MODEL		VSF200-05	VSF220-12	VSF220-13.8	VSF220-15	VSF220-24	VSF220-48
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200-240V (AC90 ~ 132V / 180 ~ 264V or DC255 ~ 370V), 50/60Hz (47 ~ 440Hz or DC) User Selectable					
	CURRENT [A]	110V	4.4 (I _o =100%)				
		220V	2.2 (I _o =100%)				
	EFFICIENCY [%]	110V	75 typ	75 typ	75 typ	75 typ	77 typ
	220V						
	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	13.8	15	24	48
	CURRENT [A]	40	18.5	16	15	9.5	4.5
	REGULATION, LINE [mV]	50 Max	60 Max	70 Max	75 Max	120 Max	240 Max
	REGULATION, LOAD [mV]	100 Max	120 Max	140 Max	150 Max	240 Max	480 Max
	RIPPLE [mVp-p]	100 Max	120 Max	140 Max	150 Max	240 Max	480 Max
	RIPPLE, NOISE [mVp-p]	150 Max	170 Max	190 Max	200 Max	290 Max	530 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	150 Max	170 Max	190 Max	200 Max	360 Max	720 Max
	RISE TIME [ms]	600 Max (AC IN 110V/220V I _o =100%)					
	HOLDING TIME [ms]	15 typ (AC IN 110V/220V I _o =100%)					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically					
	OVER VOLTAGE PROTECTION	Works at 110 ~ 150% 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 ~ +50°C, 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	SAFETY REGULATION	UL,C-UL,CE	UL,C-UL,CE	-	-	UL,C-UL,CE	UL,C-UL,CE
	LINE CONDUCTED RF VOLTAGE	Complied with FCC Part 15, VCCI-A, CISPR22-A, EN55022 - A					

VSF200, 220-S EXTERNAL VIEW



- * Weight : 1.5Kg
- * Tolerance : ±1
- * Dimensions in mm