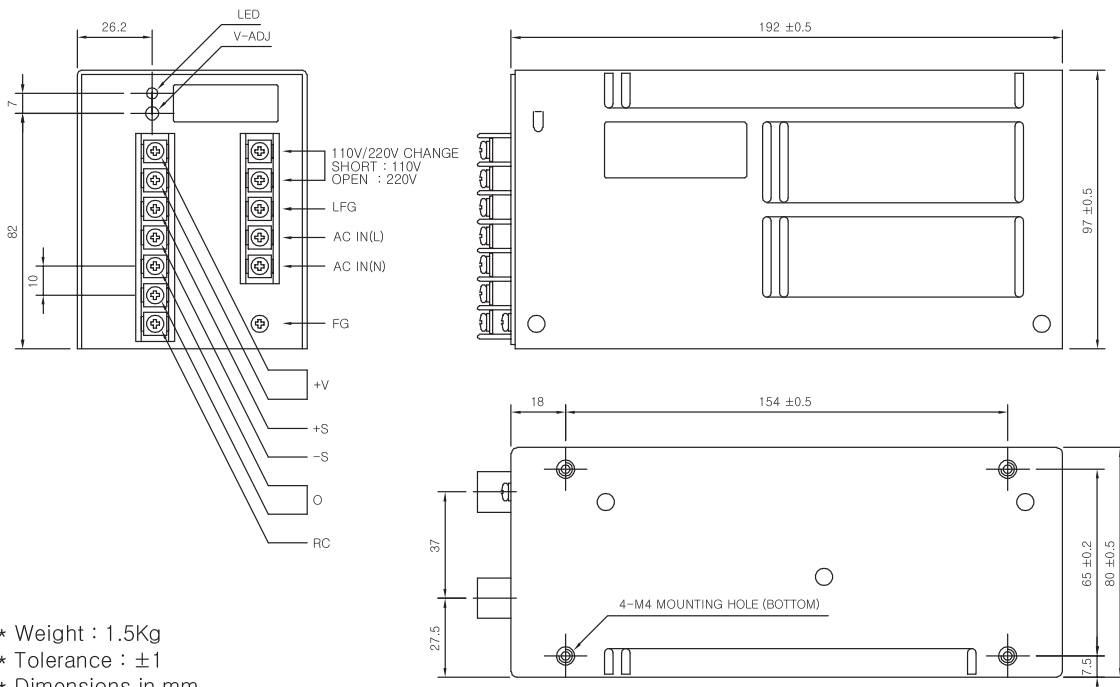


VSF200, 220-S SPECIFICATIONS



	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)					
	CURRENT	100V~4.4A, 200V~2.2A					
	EFFICIENCY (AC220V)	75% typ	75% typ	75% typ	76% typ	77% typ	
	INRUSH CURRENT	20A typ(ACIN 110V, I <sub>c</sub> =100%), 40A typ(ACIN 220V, I <sub>c</sub> =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]	70 Max	180 Max	207 Max	225 Max	360 Max	720 Max
	RISE TIME [ms]	600 Max (ACIN 110V/220V I <sub>c</sub> =100%)					
	HOLDING TIME [ms]	15 typ (ACIN 110V/220V I <sub>c</sub> =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	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	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	-					

VSF200, 220-S EXTERNAL VIEW



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