

VSF50-DUAL SPECIFICATIONS



	MODEL	VSF50-BBW		VSF50-BDW		VSF50-BHW		VSF50-DDW		VSF50-EEW	
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200~240V (AC85~132V / 170~264V or DC240~370V), 50/60Hz (47~440Hz or DC)									
	CURRENT	100V~1.2A, 200V~0.7A									
	EFFICIENCY (AC220V)	75% typ		75% typ		75% typ		77% typ		77% typ	
	INRUSH CURRENT	20A typ(ACIN 110V, I _b =100%), 40A typ(ACIN 220V, I _b =100%) at cold start.									
OUTPUT	VOLTAGE [V]	5	5	5	12	5	24	12	12	15	15
	CURRENT [A]	0.5~5.0	5	0.5~3.0	0~3.0	0.5~3.0	0~1.5	0.2~2.0	2	0.16~1.6	0~1.6
	REGULATION, LINE [mV]	50 Max	50 Max	50 Max	120 Max	50 Max	240 Max	120 Max	120 Max	150 Max	150 Max
	REGULATION, LOAD [mV]	100 Max	100 Max	100 Max	240 Max	100 Max	480 Max	240 Max	240 Max	300 Max	300 Max
	RIPPLE [mVp-p]	50 Max	50 Max	50 Max	120 Max	50 Max	240 Max	120 Max	120 Max	150 Max	150 Max
	RIPPLE, NOISE [mVp-p]	100 Max	100 Max	100 Max	170 Max	100 Max	290 Max	170 Max	170 Max	200 Max	200 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	75 Max	75 Max	180 Max	75 Max	360 Max	180 Max	180 Max	225 Max	225 Max
	RISE TIME [ms]	1000 Max (ACIN 110V/220V, I _b =100%)									
	HOLDING TIME [ms]	10 typ (ACIN 110V/220V, I _b =100%)									
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically									
	OVER VOLTAGE PROTECTION	Works at 115~140% 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	CE		CE		CE		CE		CE	
	LINE CONDUCTED RF VOLTAGE	-									

VSF50-DUAL EXTERNAL VIEW

