

## VSF75-DUAL SPECIFICATIONS

	MODEL	VSF75-BBW		VSF75-BDW		VSF75-BHW	
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200~240V (AC85~132V / 170~264V or DC240~370V), 50/60Hz (47~440Hz or DC)					
	CURRENT	100V~1.8A, 200V~1.0A					
	EFFICIENCY	75% typ (ACIN 110V, I <sub>o</sub> =100%)					
	INRUSH CURRENT	20A typ (ACIN 110V, I <sub>o</sub> =100%), 40A typ (ACIN 220V, I <sub>o</sub> =100%) at cold start.					
OUTPUT	VOLTAGE [V]	5	5	5	12	5	24
	CURRENT [A]	1.5~8.0	0~5.0	1.5~6.0	0~3.5	1.5~6.0	0~2.0
	REGULATION, LINE [mV]	25 Max	25 Max	25 Max	60 Max	25 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	50 Max	50 Max	120 Max	50 Max	240 Max
	RIPPLE [mVp-p]	80 Max	80 Max	80 Max	120 Max	80 Max	240 Max
	RIPPLE, NOISE [mVp-p]	120 Max	120 Max	120 Max	170 Max	120 Max	290 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	75 Max	75 Max	180 Max	75 Max	360 Max
	RISE TIME [ms]	1500 Max (ACIN 110V, I <sub>o</sub> =100%)					
	HOLDING TIME [ms]	10 typ (ACIN 110V, I <sub>o</sub> =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	
	LINE CONDUCTED RF VOLTAGE	Conducted EMI meets FCC class A					

## VSF75-DUAL EXTERNAL VIEW

