



VSF100-TRIPLE SPECIFICATIONS

	MODEL	VSF100-BDB			VSF100-DD			VSF100-EE		
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200~240V (AC85~132V / 170~264V or DC240~370V), 50/60Hz (47~440Hz or DC)								
	CURRENT	100V~2.4A, 200V~1.4A								
	EFFICIENCY	75% typ			75% typ			75% typ		
	INRUSH CURRENT	20A typ(ACIN 110V, I _o =100%), 40A typ(ACIN 220V, I _o =100%) at cold start.								
OUTPUT	VOLTAGE [V]	5	12	-5	5	12	-12	5	15	-15
	CURRENT [A]	1.5~13	2	1	1.5~ 13.0	2	1	1.5~ 13.0	1.5	1
	REGULATION, LINE [mV]	20 Max	60 Max	20 Max	20 Max	60 Max	60 Max	20 Max	75 Max	75 Max
	REGULATION, LOAD [mV]	40 Max	120 Max	40 Max	40 Max	120 Max	150 Max	40 Max	150 Max	150 Max
	RIPPLE [mVp-p]	80 Max	120 Max	80 Max	80 Max	120 Max	120 Max	80 Max	150 Max	150 Max
	RIPPLE, NOISE [mVp-p]	120 Max	170 Max	120 Max	120 Max	170 Max	170 Max	120 Max	200 Max	200 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	75 Max	75 Max	180 Max	180 Max	75 Max	225 Max	225 Max
	RISE TIME [ms]	1000 Max (ACIN 110V, I _o =100%)								
	HOLDING TIME [ms]	10 typ (ACIN 110V, I _o =100%)								
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically								
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating (+5V)								
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC3,000V 1 minute, DC 500V 50MΩ								
	INPUT-CASE, FG	AC2,000V 1 minute, DC 500V 50MΩ								
	OUTPUT-CASE, FG	AC500V 1 minute, DC 500V 50MΩ								
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								

VSF100-TRIPLE EXTERNAL VIEW

