

■ VSF30-TRIPLE SPECIFICATIONS

	MODEL	VSF30-BDB			VSF30-DD			VSF30-EE		
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85~264V or DC120~370V), 50/60Hz (47~440Hz or DC)								
	CURRENT	100V~0.65A, 200V~0.35A								
	EFFICIENCY (AC220V)	66% typ			66% typ			66% 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]	0.3~3.0	1	0.3	0.3~3.0	1.2	0.3	0.3~3.0	0.8	0.2
	REGULATION, LINE [mV]	25 Max	60 Max	25 Max	25 Max	60 Max	60 Max	25 Max	75 Max	75 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	50 Max	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max
	RIPPLE [mVp-p]	50 Max	120 Max	50 Max	50 Max	120 Max	120 Max	50 Max	150 Max	150 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	100 Max	90 Max	170 Max	170 Max	100 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]	100 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(CH2,3 I _o =100%)								
	OVER VOLTAGE PROTECTION	Works at 115~140% of rating								
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC1,500V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)								
	INPUT-CASE, FG	AC1,500V 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	-								
	LINE CONDUCTED RF VOLTAGE	-								

■ VSF30-TRIPLE EXTERNAL VIEW

