

VSF30-TRIPLE SPECIFICATIONS

MODEL		VSF30-BDB	VSF30-DD	VSF30-EE							
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC125 ~ 370V), 50/60Hz (47 ~ 440Hz) Universal Input									
	CURRENT	110V	0.65 (I _o =100%)								
		220V	0.35 (I _o =100%)								
	EFFICIENCY	110V	66 typ			66 typ			66 typ		
		220V	66 typ			66 typ			66 typ		
INRUSH CURRENT		20A typ(AC IN 110V, I _o =100%), 40A typ(AC IN 220V, I _o =100%) at cold start.									
OUTPUT	VOLTAGE [V]	5	12	-5	5	12	-12	5	15	-15	
	CURRENT [A]	0.3 ~ 3	1	0.3	0.3 ~ 3	1.2	0.3	0.3 ~ 3	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	100 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 (AC IN 110V I _o =100%)									
	HOLDING TIME [ms]	10 typ (AC IN 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	AC 1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity)									
	INPUT-CASE, FG	AC 1,500V 1 minute current 10mA, DC 500V 100MΩ (At room temperature & Humidity)									
	OUTPUT-CASE, FG	AC 500V 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	Built to meet UL60950-1, EN60950-1									
	LINE CONDUCTED RF VOLTAGE	Built to meet EN55022-A									

VSF30-TRIPLE EXTERNAL VIEW

