

VSF300-S SPECIFICATIONS

	MODEL	VSF300-05	VSF300-12	VSF300-24	VSF300-28	VSF300-48
INPUT	VOLTAGE, FREQUENCY	AC100-120V / 200~240V (AC90~132V / 180~264V or DC255~370V), 50/60Hz (47~440Hz or DC)				
	CURRENT	100V~5.5A, 200V~3.5A				
	EFFICIENCY (AC220V)	73% typ	78% typ	81% typ	80% typ	83% typ
	INRUSH CURRENT	30A typ (ACIN 110V, I _o =100%), 60A typ (ACIN 220V, I _o =100%)				
OUTPUT	VOLTAGE [V]	5	12	24	28	48
	CURRENT [A]	60	25	13	11	6.5
	REGULATION, LINE [mV]	25 Max	60 Max	120 Max	140 Max	240 Max
	REGULATION, LOAD [mV]	50 Max	120 Max	240 Max	280 Max	480 Max
	RIPPLE [mVp-p]	50 Max	120 Max	240 Max	280 Max	480 Max
	RIPPLE, NOISE [mVp-p]	100 Max	170 Max	290 Max	330 Max	530 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	75 Max	180 Max	360 Max	420 Max	720 Max
	RISE TIME [ms]	500 Max (ACIN 110V/220V I _o =100%)				
	HOLDING TIME [ms]	16 typ (ACIN 110V/220V 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				
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 TEMPAND 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	-				

VSF300-S EXTERNAL VIEW

