

## ORDERING INFORMATION

## VSF15-BBW

Series name

Total output wattage

Output voltage combination

- Inrush current limit
- Short circuit protection
- Over voltage protection
- CH1 isolated from CH2
- Over current protection
- 3 years warranty



## VSF15-DUAL SPECIFICATIONS

	MODEL	VSF15-BBW	VSF15-BCW	VSF15-BDW	VSF15-DDW	VSF15-EEW					
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC125 ~ 370V), 50/60Hz (47 ~ 440Hz) Universal Input									
	CURRENT [A]	110V	0.4(I <sub>o</sub> =100%)								
		220V	0.2(I <sub>o</sub> =100%)								
	EFFICIENCY [%]	110V	60 typ	60 typ	60 typ	60 typ	60 typ				
	220V										
	INRUSH CURRENT	20A typ(AC IN 110V, I <sub>o</sub> =100%), 40A typ(AC IN 220V, I <sub>o</sub> =100%) at cold start.									
OUTPUT	VOLTAGE [V]	5	5	5	9	5	12	12	12	15	15
	CURRENT [A]	0.1 ~ 2	0.5	0.1 ~ 2	0.5	0.1 ~ 2	0.5	0.1 ~ 0.7	0.5	0.1 ~ 0.5	0.5
	REGULATION, LINE [mV]	25 Max	45 Max	25 Max	45 Max	25 Max	60 Max	60 Max	60 Max	75 Max	75 Max
	REGULATION, LOAD [mV]	50 Max	50 Max	50 Max	90 Max	50 Max	120 Max	120 Max	120 Max	150 Max	150 Max
	RIPPLE [mVp-p]	50 Max	50 Max	50 Max	90 Max	50 Max	120 Max	120 Max	120 Max	150 Max	150 Max
	RIPPLE, NOISE [mVp-p]	100 Max	100 Max	100 Max	140 Max	100 Max	170 Max	170 Max	170 Max	200 Max	200 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	25 Max	25 Max	75 Max	135 Max	75 Max	180 Max	180 Max	180 Max	225 Max	225 Max
	RISE TIME [ms]	100 Max (AC IN 110V I <sub>o</sub> =100%)									
	HOLDING TIME [ms]	10 typ (AC IN 110V I <sub>o</sub> =100%)									
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically. (CH2 I <sub>o</sub> =100%)									
	OVER VOLTAGE PROTECTION	-									
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									