

ORDERING INFORMATION

MSF15-05

Series name

Total output wattage

Output voltage combination

- Approved by UL/C-UL, CE
- Over current protection
- Over voltage protection
- Complies with FCC Part15 and EN55022 Class A Limits
- Remote on/off Control (MSF300)
- Remote sensing (MSF150~300)
- Monitor Signal (MSF300)
- 3 years warranty



MSF15-S SPECIFICATIONS



	MODEL	MSF15-3R3	MSF15-05	MSF15-09	MSF15-12	MSF15-15	MSF15-24
INPUT	VOLTAGE, FREQUENCY	AC100-240V (AC85 ~ 264V or DC120 ~ 370V), 50/60Hz (47 ~ 440Hz) Universal Input.					
	CURRENT [A]	110V	0.4 (10=100%)				
		220V	0.2 (10=100%)				
	EFFICIENCY [%]	110V	67 typ	67 typ	71 typ	73 typ	75 typ
	220V						
	INRUSH CURRENT	20A typ (AC IN 110V, I _o =100%), 40A typ(AC IN 220V, I _o =100%) at cold start.					
OUTPUT	VOLTAGE [V]	3.3	5	9	12	15	24
	CURRENT [A]	3	3	1.67	1.25	1	0.62
	REGULATION, LINE [mV]	25 Max	25 Max	45 Max	60 Max	75 Max	120 Max
	REGULATION, LOAD [mV]	50 Max	50 Max	90 Max	120 Max	150 Max	240 Max
	RIPPLE [mVp-p]	35 Max	50 Max	90 Max	120 Max	150 Max	240 Max
	RIPPLE, NOISE [mVp-p]	85 Max	100 Max	140 Max	170 Max	200 Max	290 Max
	TEMPERATURE DRIFT 0~+50°C [mV]	85 Max	90 Max	162 Max	216 Max	270 Max	432 Max
	RISE TIME [ms]	500 max (AC IN 110V, I _o =100%)					
	HOLDING TIME [ms]	20 typ (AC IN 110V, I _o =100%)					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically					
	OVER VOLTAGE PROTECTION	Works at over 115% of rating (by zener diode clamping)					
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 3,000V 1 minute current 20mA, DC 500V 100MΩ (At room temperature & Humidity)					
	INPUT-CASE, FG	AC 2,000V 1 minute current 20mA, 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	-	UL, C-UL, CE	UL, C-UL, CE	UL, C-UL, CE	UL, C-UL, CE	UL, C-UL, CE
	LINE CONDUCTED RF VOLTAGE	Complied with FCC Part15 and EN55022 Class A Limits					