



● Features

- Input Voltage Range (AC90-264V)
- Built-in Inrush Current Limiter
- Over Current Protection
- Short Circuit Protection
- Over Temperature Protection
- Auto-Restart Mode

● Specifications

ITEM		MODEL	WYSP-50S05B	WYSP-50S09B	WYSP-50S12B	WYSP-50S15B	WYSP-50S24B	WYSP-50S48B
INPUT	240V	110VAC...1.2A / 220VAC.....0.6A(Full Load) FREE VOLTAGE (AC 100 ~ 240V)						
	FREQUENCY	50/60Hz (47~440Hz or DC)						
	EFFICIENCY	70% typ	70% typ	75% typ	75% typ	78% typ	78% typ	
	INRUSHCURRENT	110VAC....6.8A / 220VAC.....13.5A(Io=100%, Ta=25°C at cold start)						
OUTPUT CIRCUIT	VOLTAGE (V)	5	9	12	15	24	48	
	CURRENT (A)	10.0	5.6	4.2	3.4	2.1	1.1	
	REGULATION LINE (mV)	25Max	45Max	60Max	75Max	120Max	240Max	
	REGULATION LOAD (mV)	50Max	90Max	120Max	150Max	240Max	480Max	
	RIPPLE (mVp-p)	50Max	90Max	120Max	150Max	240Max	480Max	
	RIPPLE NOISE (mVp-p)	100Max	140Max	170Max	200Max	290Max	530Max	
	TEMPERATURE DRIFT 0 ~ 50°C (mV)	50Max	90Max	120Max	150Max	240Max	480Max	
	RISE TIME (mS)	100Max (AC IN 85V Io=100%)						
	HOLDING TIME (mS)	15typ (AC IN 85V Io=100%)						
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically						
	OVER VOLTAGE PROTECTION	—						
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)						
	INPUT-CASE.FG	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)						
	OUTPUT-CASE	AC 500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)						
ENVIRONMENT	OPERATING TEMP.AND HUMID	0 ~ +50°C, 20 ~ 90% RH (Non Condensing)						
	STORAGE TEMP. AND HUMID	-20 ~ +75°C, 20 ~ 90% RH (Non Condensing)						
GENERAL	COOLING	Natural cooling						
	WEIGHT (kg)	0.4						

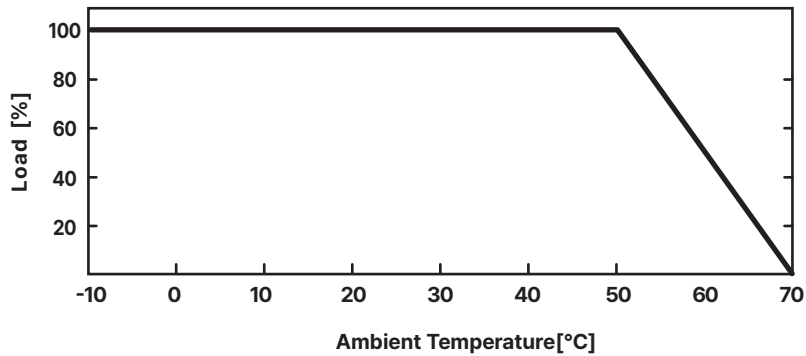
SWITCHING MODE POWER SUPPLY

SP Series 50W

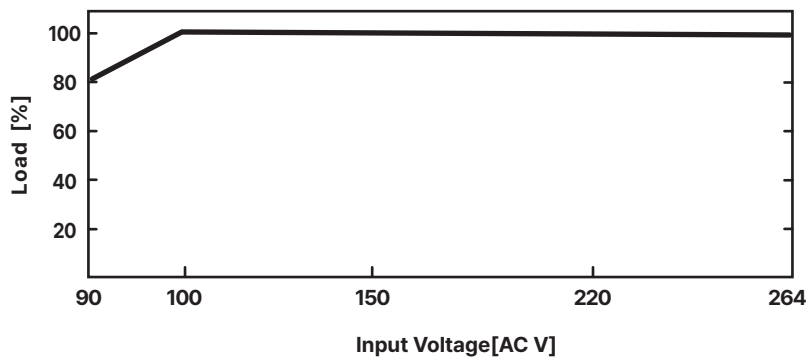
WYES®
스위칭전원장치

CE RoHS

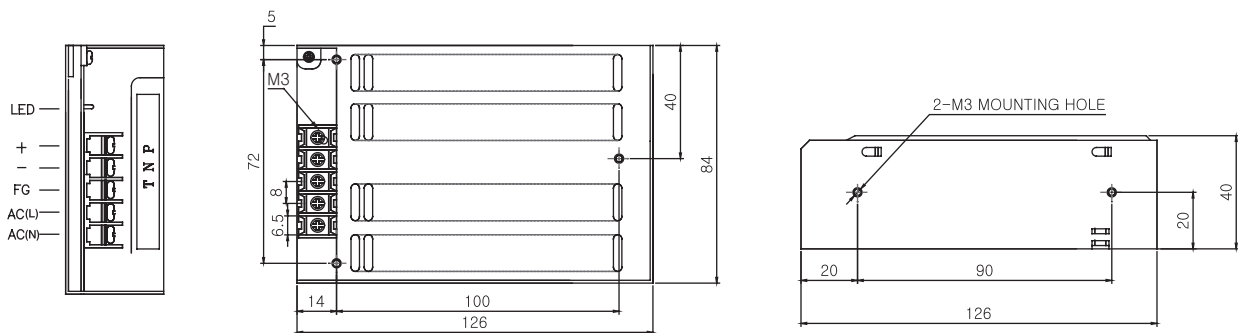
● Derating Curve For Ambient



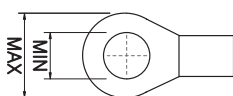
● Derating Curve For Input Voltage



● Dimension



● Terminal



Max 6 , Min 3

트랜스포머
TRANS= NCT
리액터
REACTOR
무전압블레이
SSR
전력조정기
TPR
스위칭파워
SMPS
노이즈필터
N/F
하모닉필터
H/F
서지보호기
SPD
보호계전기
RELAY
누전경보기
ELD= GFR
영상변류기
ZCT
판넬메타
METER
계기용변성기
CT= VT
선풍팬
SHUNT= FAN