



● Features

- Input Voltage Range (AC90~264V)
- Built-in Inrush Current Limiter
- Over Current Protection
- Short Circuit Protection
- Over Temperature Protection
- Auto-Restart Mode
- Small Size
- Option(Din-Rail Bracket Page 16)

● Specifications

MODEL		WYNSP-30S05A	WYNSP-30S12A	WYNSP-30S24A	WYNSP-30S48A
ITEM					
INPUT	VOLTAGE	110VAC...0.4A/220VAC.....0.2A(Full Load) FREE VOLTAGE			
	FREQUENCY	50/60Hz (47~440Hz or DC)			
	EFFICIENCY	70% typ	75% typ	78% typ	78% typ
	INRUSHCURRENT	110VAC...4.5A/220VAC....9A(Io=100%, Ta=25°C at cold start)			
OUTPUT CIRCUIT	VOLTAGE (V)	5	12	24	48
	CURRENT (A)	6.0	2.5	1.3	0.6
	REGULATION LINE (mV)	25Max	60Max	120Max	240Max
	REGULATION LOAD (mV)	50Max	120Max	240Max	480Max
	RIPPLE (mVp-p)	50Max	120Max	240Max	480Max
	RIPPLE NOISE (mVp-p)	100Max	170Max	290Max	530Max
	TEMPERATURE DRIFT (mV) 0 ~ 50°C	50Max	120Max	240Max	480Max
	RISE TIME (mS)	100 Max (AC IN 85V Io = 100%)			
	HOLDING TIME (mS)	15 typ (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)	0.3			

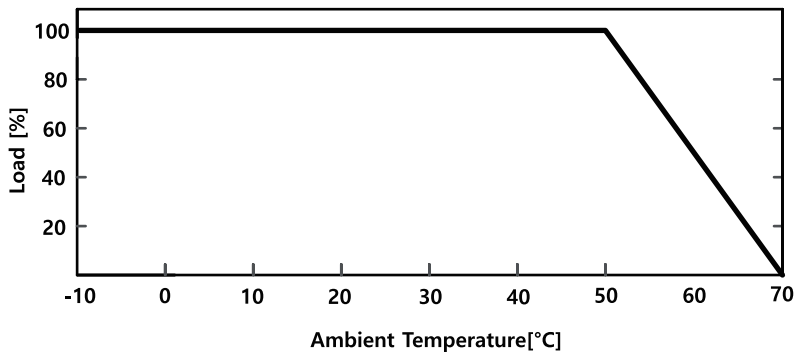
SWITCHING MODE POWER SUPPLY

NSP Series 30W

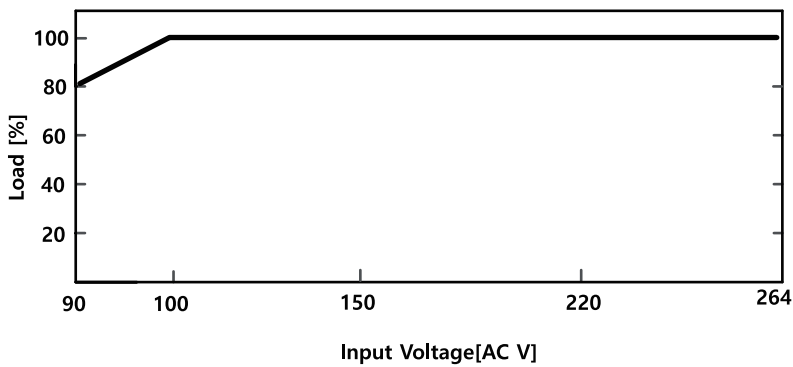
WYES
스위칭전원장치

CE RoHS

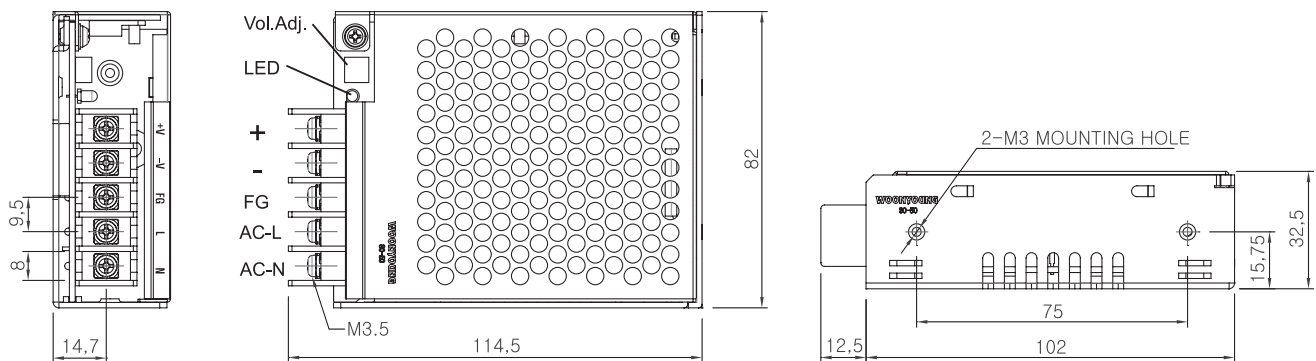
Derating Curve For Ambient



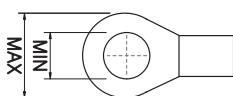
Derating Curve For Input Voltage



Dimension



Terminal



Max 7 , Min 3.5