

PFC Type



● Features

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

● Specifications

MODEL		WYNSP-120S05AP	WYNSP-120S12AP	WYNSP-120S24AP	WYNSP-120S48AP
ITEM					
INPUT	VOLTAGE	110VAC...3.0A / 220VAC...1.5A (Full Load) FREEVOLTAGE			
	FREQUENCY	50/60Hz (47~440Hz or DC)			
	EFFICIENCY	75% typ	75% typ	75% typ	75% typ
	INRUSHCURRENT	110VAC...1.4A / 220VAC...2.8A(Io=100%, Ta=25°C at cold start)			
	Power Factor (Io=100%)	0.97 typ			
OUTPUT CIRCUIT	VOLTAGE (V)	5	12	24	48
	CURRENT (A)	24.0	10.0	5.0	2.5
	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 0 ~ 50°C (mV)	50Max	120Max	240Max	480Max
	RISE TIME (mS)	200 Max (AC IN 90V/180V Io = 100%)			
	HOLDING TIME (mS)	15 typ (AC IN 90V/ 180V Io = 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	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)	0.6			

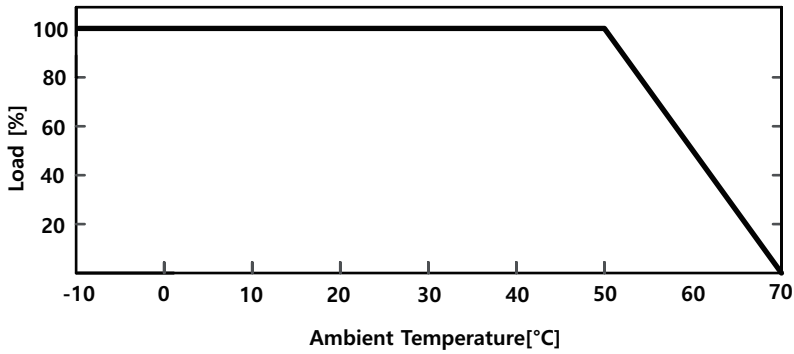
SWITCHING MODE POWER SUPPLY

WYES®
스위칭전원장치

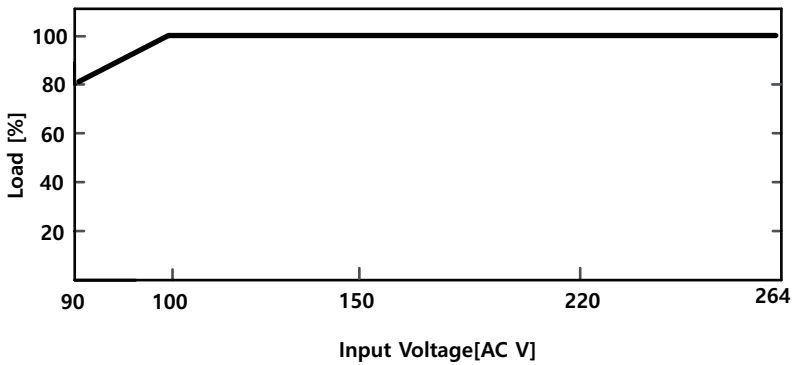
NSP Series (역률개선용) 120W

CE RoHS

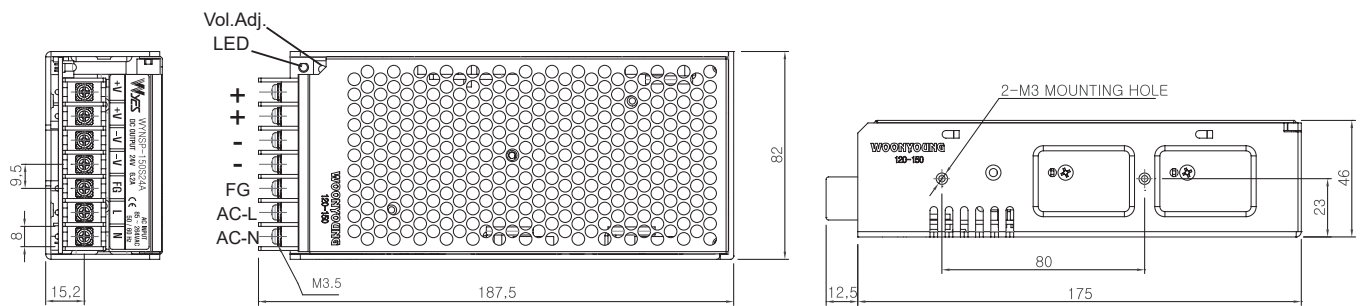
Derating Curve For Ambient



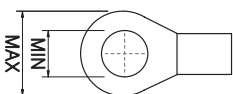
Derating Curve For Input Voltage



Dimension



Terminal



Max 7, Min 3.5

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