

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

ITEM		MODEL	WYNSP-100S05AP	WYNSP-100S12AP	WYNSP-100S24AP	WYNSP-100S48AP
Input	Voltage	110VAC...2.5A/220VAC...1.4A (Full Load) FREE VOLTAGE				
	Frequency	50/60Hz (47~440Hz or DC)				
	Efficiency	70% typ	70% typ	75% typ	75% typ	
	Inrushcurrent	110VAC...14A/220VAC...28A(Io=100%, Ta=25°C at cold start)				
	Power Factor(Lo=100%)	0.97 tpy				
Output	Voltage (V)	5	12	24	48	
	Current (A)	20.0	8.4	4.2	2.1	
	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	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%)				
Protectioncircuit	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 1 minute, DC 500V 100MΩ(At room temperature & Humidity)				
	Input-Case and FG	AC 1,500V 1 minute, DC 500V 100MΩ(At room temperature & Humidity)				
	Output-Case	AC 500V 1 minute, DC 500V 100MΩ(At room temperature & Humidity)				
Environment	Operationtemp. and Humid	0 ~ +50°C , 20 ~ 90% RH (Non Condensing)				
	Storagetemp. and Humid	-20 ~ +75°C , 20 ~ 90% RH (Non Condensing)				
General	Cooling	Natural cooling				
	Weight (kg)	0.5				

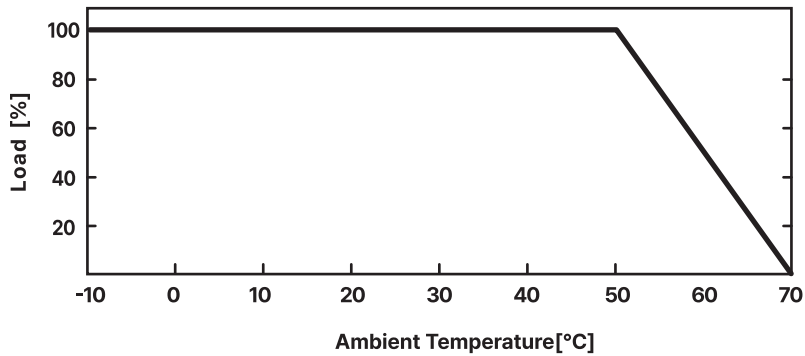
SWITCHING MODE POWER SUPPLY

WYES®
스위칭전원장치

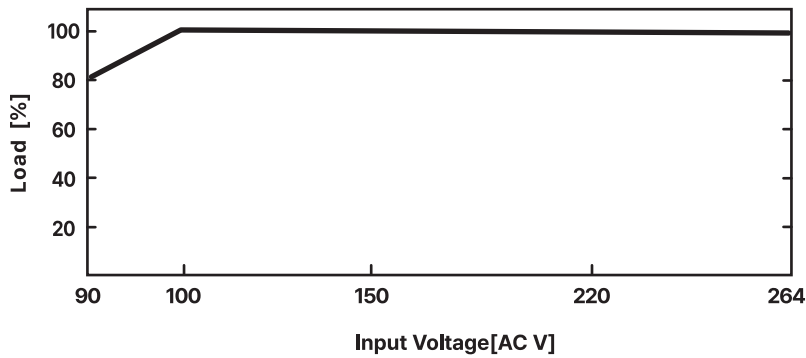
NSP Series (역률개선폰) 100W

CE RoHS

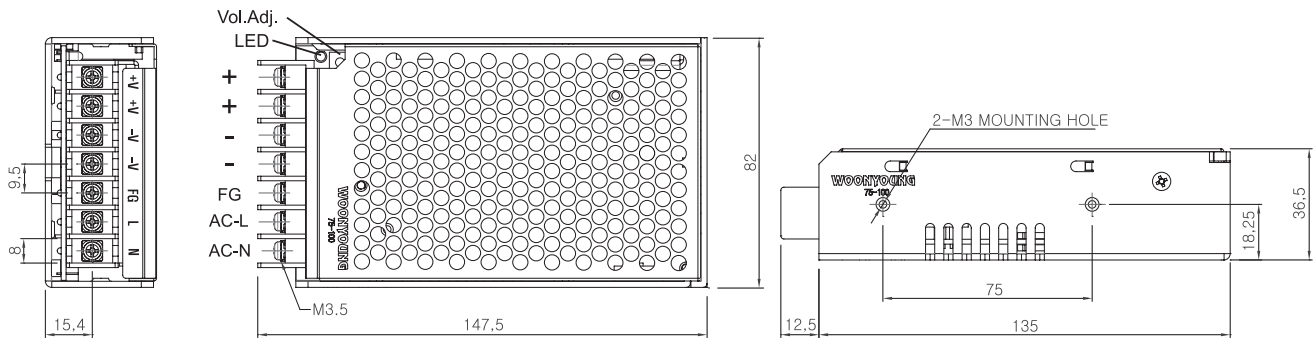
● Derating Curve For Ambient



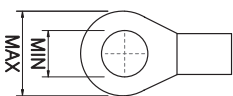
● Derating Curve For Input Voltage



● Dimension



● Terminal



Max 7 , Min 3.5

트랜스포머
TRANS= NCT
리액터
REACTOR
무전압릴레이
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
선편
SHUNT= FAN