

UL 인증 PFC Type



● Features

- Wide Input Voltage Range(AC90 ~ 264V) · Built-in Inrush Current Limiter
- Over Current Protection · Short Circuit Protection
- Over Temperature Protection · Auto-Restart Mode
- Built-in PFC · SEMI — F47 (200VAC Only)

- 본 대용량 제품은 DIN Rail 및 벽부 취부형 구조로 각종 분진이 존재하는 산업현장에 최적화된 Fanless 설계에 따라 효율이 높은 공진형 회로방식과 동기정류회로가 채택된 제품입니다.

- This large-capacity product is a product adopting a resonance converter and a synchronous rectification circuit with high efficiency according to a fan-less design optimized to industrial sites with various dusts as a DIN rail and wall attached structure.

● Specifications

ITEM		MODEL	WYSP-400S24DP	WYSP-400S48DP	WYSP-500S24DP	WYSP-500S48DP
SAFETY STANDARDS			UL us CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018
INPUT	AC Input Volatage Nominal		AC 100 ~ 240 [V]			
			AC 90 ~ 264 [V]			
	CURRENT	AC110 [V]	5.5 [A]			
		AC220 [V]	2.5 [A]			
	FREQUENCY		50/60 [Hz]			
	EFFICIENCY	AC110 [V]	92 [%]	92 [%]	92 [%]	92 [%]
		AC220 [V]	94 [%]	94 [%]	94 [%]	94 [%]
	POWER FACTOR		PF ≥ 0.95(Half Load)			
	INRUSH CURRENT	AC110 [V]	30 [Apk] typ		30 [Apk] typ	
		AC220 [V]	50 [Apk] typ		50 [Apk] typ	
OUTPUT	STANDBY POWER	AC110 [V]	0.3W(DOE VI)			
		AC220 [V]				
	LEAKAGE CURRENT (60Hz)	AC110 [V]	MAX 0.5mA			
		AC220 [V]	MAX 1mA			
	VOLTAGE		24 [V]	48 [V]	24 [V]	48 [V]
	CURRENT		16.7 [A]	8.4 [A]	20.9 [A]	10.5 [A]
	LINE REGULATION		120 [mV] max	240 [mV] max	120 [mV] max	240 [mV] max
	LOAD REGULATION		480 [mV] max	720 [mV] max	480 [mV] max	720 [mV] max
PROTECTION CIRCUIT	RIPPLE & NOISE		240 [mVp-p]	100 [mVp-p]	240 [mVp-p]	180 [mVp-p]
	TEMPERATURE DRIFT (0~50°C)		240[mV] max			
	START-UP TIME	AC110 [V]	1 [s] at Full Load			
		AC220 [V]				
	HOLD-UP TIME	AC110 [V]	16 [ms] at Full Load			
		AC220 [V]	60 [ms] at Full Load			
	OVER CURRENT PROTECTION		Works over 140% of rating and recovers automatically (hiccup)			
	OVER VOLTAGE PROTECTION		27 ~ 35 [V]	50 ~ 70 [V]	27 ~ 35 [V]	50 ~ 70 [V]
WITHSTAND VOLTAGE			Re power on to recover (shut down)			
	OVER RATED INDICATION		Works over 105% of rating and recovers automatically(Red LED)			
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 20mA			
ISOLATION RESISTANCE	INPUT-CASE, FG		AC2,000V 1minute, Cutoff current = 20mA			
	OUTPUT-CASE, FG		AC500V 1minute, Cutoff current = 30mA			
	INPUT-OUTPUT		DC500V 50MΩ			
ENVIRONMENT	INPUT-CASE, FG		DC500V, 50MΩ			
	OUTPUT-CASE, FG		DC100V 10MΩ			
	OPERATING TEMP AND HUMID		-10 ~ 50°C, 20 ~ 90% rh (non condensing)			
GENERAL	STORAGE TEMP AND HUMID		-20 ~ 70°C (non condensing)			
	COOLING		Air			
	WEIGHT		1.3 [kg]			

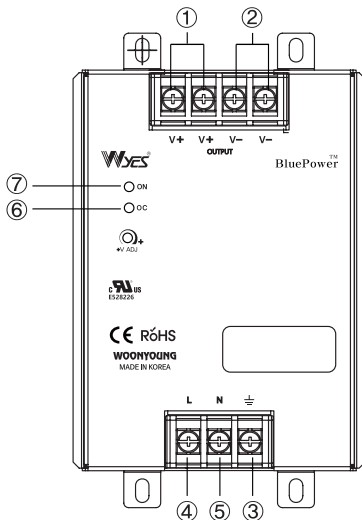
SWITCHING MODE POWER SUPPLY

WYES®
스위칭전원장치

DIN-RAIL DP TYPE Series(역률개선용) 400, 500W

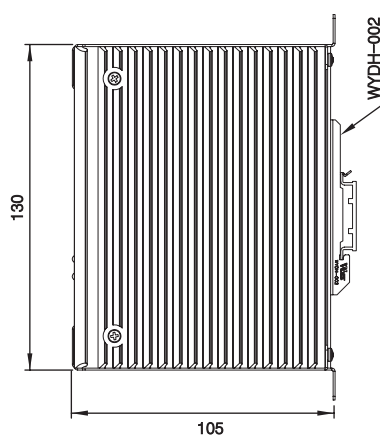
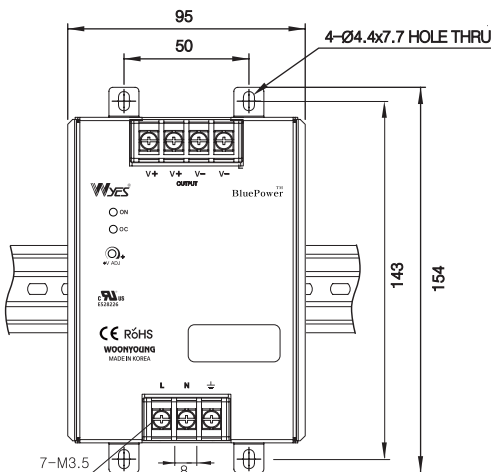
CE RoHS

● 전면 부 명칭

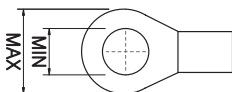


- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ AC Input (L)
- ⑤ AC Input (N)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

● Dimension

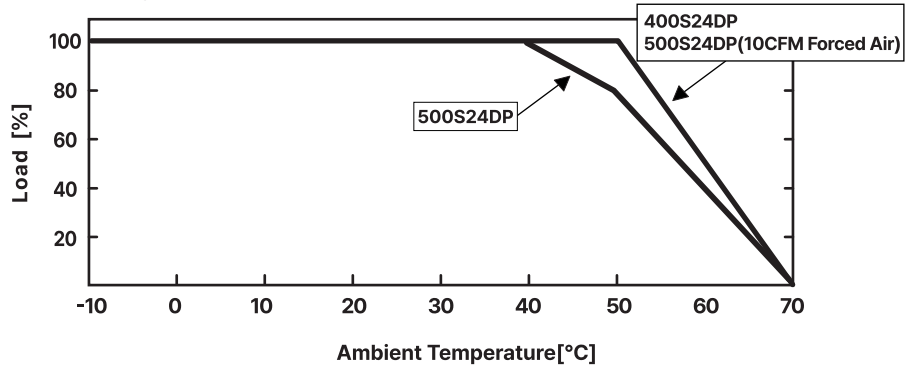


● Terminal

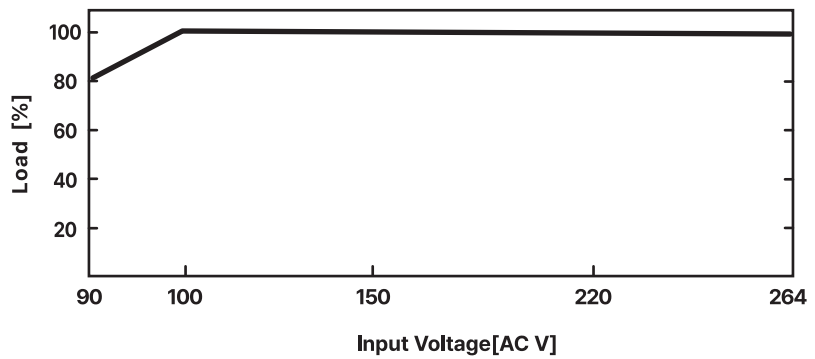


Max 7 , Min 3.5

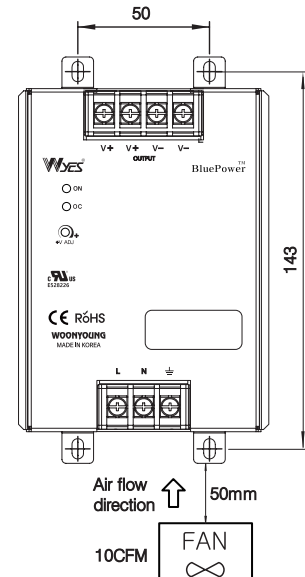
● Derating Curve For Ambient



● Derating Curve For Input Voltage



● Option (WYSP-500S24DP)



트랜스포머
REACTOR
리액터
무정전압 레일
SSR
전력조정기
TPR
스위칭파워
SMP
노이즈 필터
N/F
하모닉 필터
H/F
서지보호기
SPD
보호계전기
RELAY
누전경보기
ELD=GFR
영상변류기
ZCT
판넬메타
METER
계기용변성기
CT=VT
선풍기
SHUNT=FAN