



● Features

- Wide Input Voltage Range(DC 100 ~ 250V)
- Over Current Protection
- LED Indicator for Power On & Over Load
- High Efficiency up to 91%
- Built-in Inrush Current Limiter
- Short Circuit Protection
- Auto-Restart Mode

- 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-400S24DD	WYSP-400S48DD	WYSP-500S24DD	WYSP-500S48DD
SAFETY STANDARDS			CE IEC 62368-1:2018	CE IEC 62368-1:2018	CE IEC 62368-1:2018	CE IEC 62368-1:2018
INPUT	DC Input Volatage Nominal		DC 110 ~ 230 [V]			
	DC Input Volatage Range		DC 100 ~ 250 [V]			
	CURRENT	DC 150 [V]	5.5 [A]			
	EFFICIENCY	DC 150 [V]	92 [%]	92 [%]	92 [%]	92 [%]
	INRUSH CURRENT	DC 150 [V]	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ
	STANDBY POWER	DC 150 [V]	0.3W(DOE VI)			
	LEAKAGE CURRENT	DC 150 [V]	MAX 0.5mA			
OUTPUT	VOLTAGE		24 [V]	48 [V]	24 [V]	48 [V]
	CURRENT		16.7 [A]	8.34 [A]	20.1 [A]	10.42 [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
	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	DC 150 [V]	1 [s] at Full Load			
	HOLD-UP TIME	DC 150 [V]	16 [ms] at Full Load			
PROTECTION CIRCUIT	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]
			Re power on to recover (shut down)			
WITHSTAND VOLTAGE	OVER RATED INDICATION		Works over 105% of rating and recovers automatically(Red LED)			
	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 20mA			
	INPUT-CASE, FG		AC2,000V 1minute, Cutoff current = 20mA			
ISOLATION RESISTANCE	OUTPUT-CASE, FG		AC500V 1minute, Cutoff current = 30mA			
	INPUT-OUTPUT		DC500V 50MΩ			
	INPUT-CASE, FG		DC500V, 50MΩ			
ENVIRONMENT	OUTPUT-CASE, FG		DC100V 10MΩ			
	OPERATING TEMP AND HUMID		-10 ~ 50°C, 20 ~ 90% rh (non condensing)			
	STORAGE TEMP AND HUMID		-20 ~ 70°C (non condensing)			
GENERAL	COOLING		Air			
	WEIGHT		1.3 [kg]			

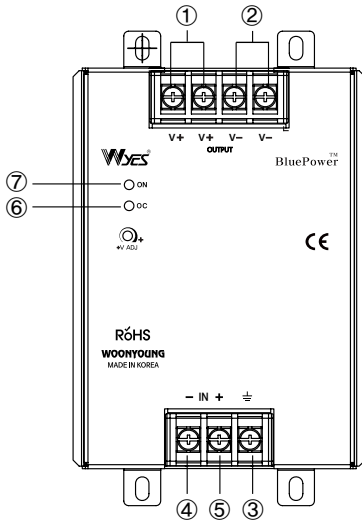
SWITCHING MODE POWER SUPPLY

WYES
스위칭전원장치

DIN-RAIL Series 400, 500W

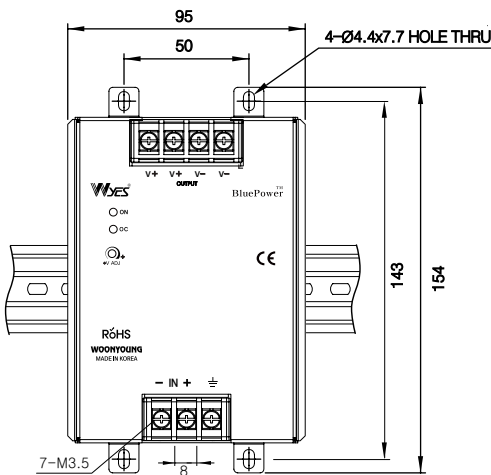
CE RoHS

● 전면 부 명칭

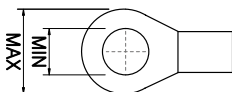


- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ DC Input (+)
- ⑤ DC Input (-)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

● Dimension

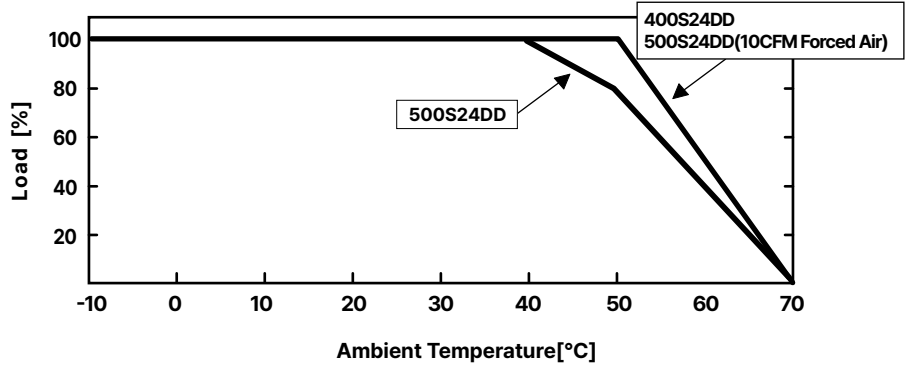


● Terminal

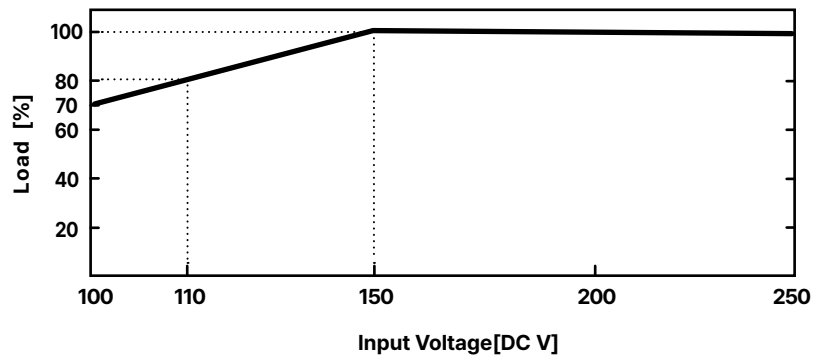


Max 7 , Min 3.5

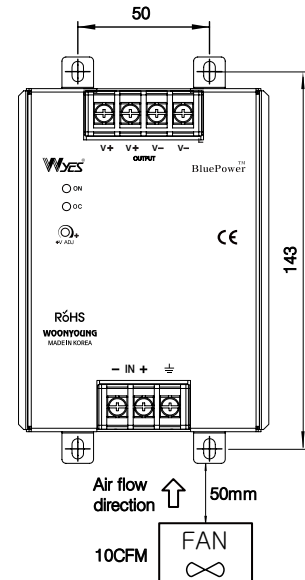
● Derating Curve For Ambient



● Derating Curve For Input Voltage



● Option (WYSP-500S24DD)



트랜스포머
REACTOR
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
선풍팬
SHUNT=FAN