

SWITCHING MODE POWER SUPPLY

WYES
스위칭전원장치

DIN-RAIL DP TYPE Series(역률개선용) 200, 250W

UL CB CE RoHS

UL 인증
PFC Type



● Features

- Wide Input Voltage Range(AC90 ~ 264V) · Short Circuit Protection
- Built-in Active PFC function · Auto-Restart Mode
- High Efficiency up to 91%
- Built-in Inrush Current Limiter · LED Indicator for Power on & Over Load
- SEMI - F47 (200VAC Only) · Over Current Protection

● DIN Rail 및 벽부 취부형 구조로 현장 작업시 간편하며 대량 설치시 면적을 최소화 줄일수 있는 Unit형 SMPS 입니다.

● This is a unitized SMPS that is convenient to work on at sites and can reduce areas during large-scale installation as a DIN rail and wall attached structure.

● Specifications

ITEM		MODEL	WYSP-200S12DP	WYSP-200S24DP	WYSP-200S48DP	WYSP-250S12DP	WYSP-250S24DP	WYSP-250S48DP
SAFETY STANDARDS			CB CE IEC 62368-1:2018	UL CB CE IEC 62368-1:2018	UL CB CE IEC 62368-1:2018	CB CE IEC 62368-1:2018	UL CB CE IEC 62368-1:2018	UL CB CE IEC 62368-1:2018
INPUT	AC Input Volatage Nominal		AC 100 ~ 240 [V]					
	AC Input Volatage Range		AC 90 ~ 264 [V]					
	CURRENT	AC110 [V]	3.1 [A]					
		AC220 [V]	1.6 [A]					
	FREQUENCY		50/60 [Hz]					
	EFFICIENCY	AC110 [V]	91 [%]	92 [%]	92 [%]	91 [%]	92 [%]	92 [%]
		AC220 [V]	92 [%]	93 [%]	93 [%]	92 [%]	93 [%]	93 [%]
	POWER FACTOR		PF ≥ 0.95(Half Load)					
	INRUSH CURRENT	AC110 [V]	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ
		AC220 [V]	50 [Apk] typ	50 [Apk] typ	50 [Apk] typ	50 [Apk] typ	50 [Apk] typ	50 [Apk] typ
OUTPUT	STANDBY POWER	AC110 [V]	0.21W(DOE VI)					
		AC220 [V]						
	LEAKAGE CURRENT (60Hz)	AC110 [V]	MAX 0.5mA					
		AC220 [V]	MAX 1mA					
	VOLTAGE		12 [V]	24 [V]	48 [V]	12 [V]	24 [V]	48 [V]
	CURRENT		16.7 [A]	8.4 [A]	4.17 [A]	20.9 [A]	10.5 [A]	5.21 [A]
	LINE REGULATION		60 [mV] max	120 [mV] max	240 [mV] max	60 [mV] max	120 [mV] max	240 [mV] max
	LOAD REGULATION		240 [mV] max	480 [mV] max	720 [mV] max	240 [mV] max	480 [mV] max	720 [mV] max
	RIPPLE & NOISE		120 [mVp-p]	150 [mVp-p]	100 [mVp-p]	120 [mVp-p]	150 [mVp-p]	180 [mVp-p]
	TEMPERATURE DRIFT (0~50°C)		240[mV] max					
PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works over 140% of rating and recovers automatically (hiccup)					
	OVER VOLTAGE PROTECTION		15 ~ 22 [V]	27 ~ 35 [V]	50 ~ 70 [V]	15 ~ 22 [V]	27 ~ 35 [V]	50 ~ 70 [V]
			Re power on to recover (shut down)					
	OVER RATED INDICATION		Works over 105% of rating and recovers automatically(Red LED)					
WITHSTAND VOLTAGE	INPUT-OUTPUT		AC3,000V 1minute, Cutoff current = 20mA					
	INPUT-CASE, FG		AC2,000V 1minute, Cutoff current = 20mA					
	OUTPUT-CASE, FG		AC500V 1minute, Cutoff current = 30mA					
ISOLATION RESISTANCE	INPUT-OUTPUT		DC500V 50MΩ					
	INPUT-CASE, FG		DC500V, 50MΩ					
	OUTPUT-CASE, FG		DC100V 10MΩ					
ENVIRONMENT	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		1.0 [kg]					

TRANS=NCCT
리액터
무정전압릴레이
전력조정기
스위칭파워
노이즈필터
하모닉필터
서지보호기
보호계전기
누전경보기
영상변류기
판넬메타
계기용변성기
선풍기

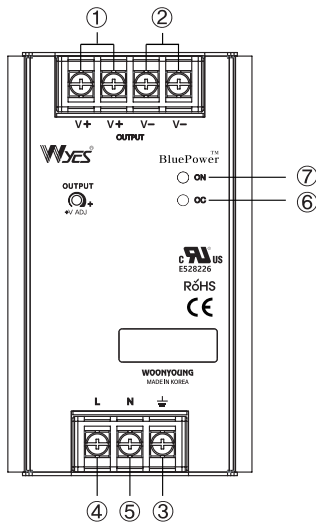
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WYES®
스위칭전원장치

DIN-RAIL DP TYPE Series(역률개선용) 200, 250, 300W

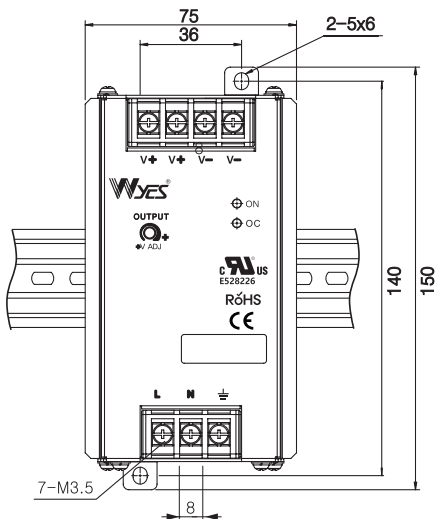
CB CE RoHS

● 전면 부 명칭

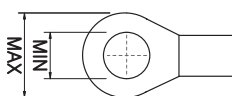


- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ AC Input (L)
- ⑤ AC Input (N)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

● Dimension

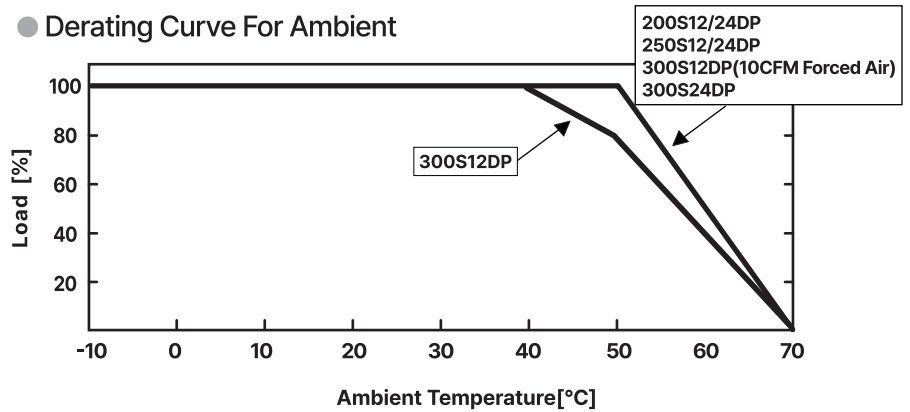


● Terminal

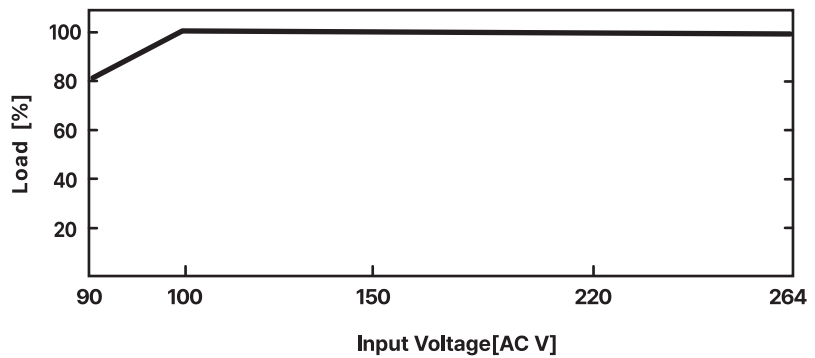


Max 7, Min 3.5

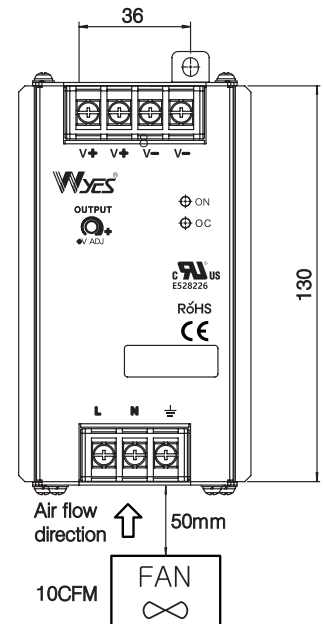
● Derating Curve For Ambient



● Derating Curve For Input Voltage



● Option (WYSP-300S12DP)



트랜스포머
REACTOR
무정전압 레이어
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