

UL 인증 PFC Type



● Features

- Wide Input Voltage Range(AC90 ~ 264V)
- Built-in Active PFC function
- High Efficiency up to 91%
- Built-in Inrush Current Limiter
- SEMI – F47 (200VAC Only)
- Short Circuit Protection
- Auto – Restart Mode
- LED Indicator for Power on & Over Load
- 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-300S12DP	WYSP-300S24DP	WYSP-300S48DP
SAFETY STANDARDS			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 Input Volatage Range		AC 90 ~ 264 [V]		
	CURRENT	AC110 [V]	3.1 [A]	3.1 [A]	3.1 [A]
		AC220 [V]	1.6 [A]	1.6 [A]	1.6 [A]
	FREQUENCY		50/60 [Hz]		
	EFFICIENCY	AC110 [V]	91 [%]	92 [%]	92 [%]
		AC220 [V]	92 [%]	93 [%]	93 [%]
	POWER FACTOR		PF ≥ 0.95(Half Load)		
	INRUSH CURRENT	AC110 [V]	30 [Apk] typ	30 [Apk] typ	30 [Apk] typ
		AC220 [V]	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]			
	VOLTAGE		12 [V]	24 [V]	48 [V]
	CURRENT		25.0 [A]	12.5 [A]	6.25 [A]
	LINE REGULATION		60 [mV] max	120 [mV] max	240 [mV] max
	LOAD REGULATION		240 [mV] max	480 [mV] max	720 [mV] max
	RIPPLE & NOISE		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]
			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 [kg]		

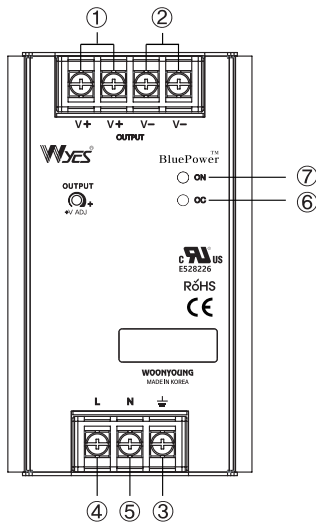
SWITCHING MODE POWER SUPPLY

WYES®
스위칭전원장치

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

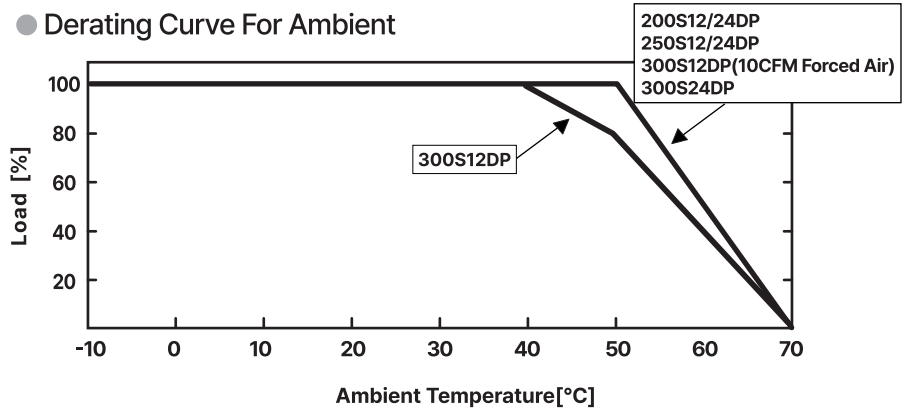
CB CE RoHS

● 전면 부 명칭

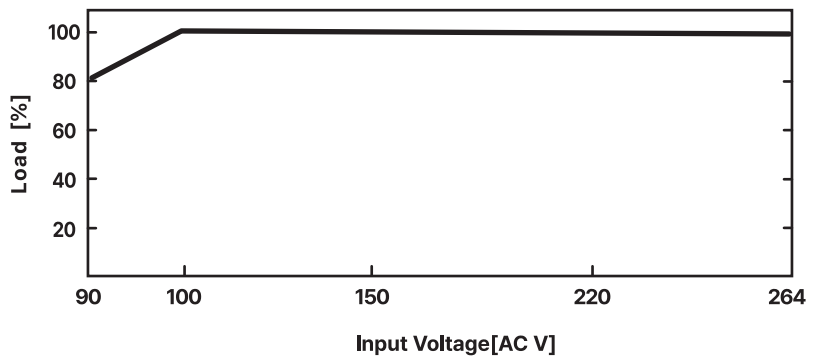


- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ AC Input (L)
- ⑤ AC Input (N)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

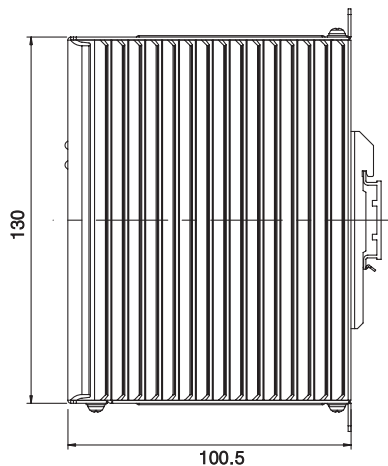
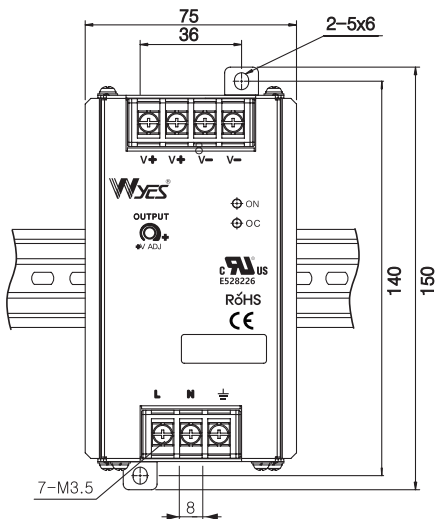
● Derating Curve For Ambient



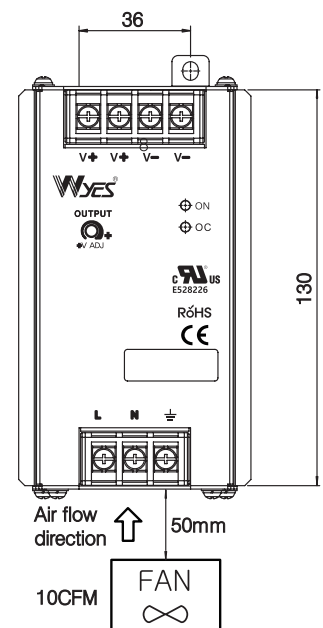
● Derating Curve For Input Voltage



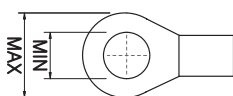
● Dimension



● Option (WYSP-300S12DP)



● Terminal



Max 7, Min 3.5

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
선풍팬
SHUNT=FAN