

UL 인증
PFC Type



● Features

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

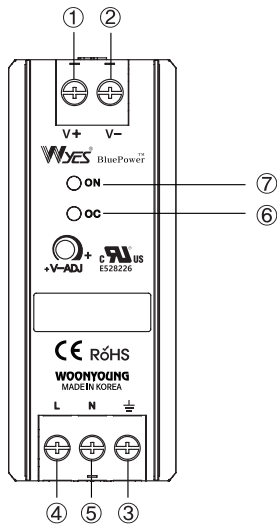
● DIN Rail 및 벽부 취부형 구조로 현장 작업시 간편하며 대량 설치시 면적을 최소로 줄일수 있는 Unit형 SMPS 입니다.

● 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

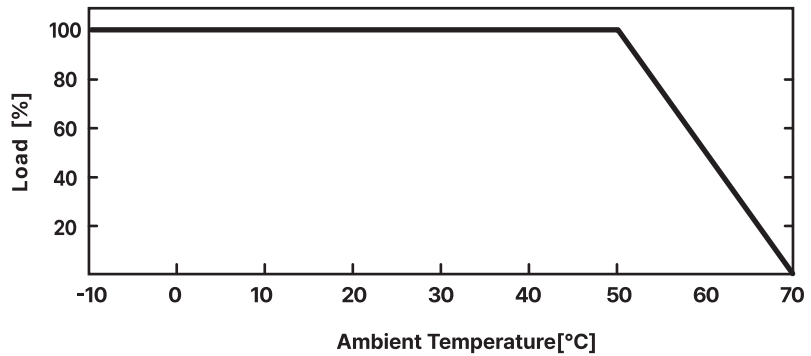
ITEM		MODEL	WYSP-75S12DP	WYSP-75S24DP	WYSP-75S48DP	WYSP-100S12DP	WYSP-100S24DP	WYSP-100S48DP
SAFETY STANDARDS			CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018	CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018	UL us CB CE IEC 62368-1:2018
INPUT	AC Input Volatage Nominal		AC 100 ~ 240 [V]					
	AC Input Volatage Range		AC 90 ~ 264 [V]					
	CURRENT	AC110 [V]	1.5 [A]					
		AC220 [V]	0.8 [A]					
	FREQUENCY		50/60 [Hz]					
	EFFICIENCY	AC110 [V]	89 [%]	90 [%]	90 [%]	89 [%]	90 [%]	90 [%]
		AC220 [V]	90 [%]	91 [%]	91 [%]	90 [%]	91 [%]	91 [%]
	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]	0.3W (DOE VI)					
		AC220 [V]						
	LEAKAGE CURRENT (60Hz)	AC110 [V]	MAX 0.5mA					
		AC220 [V]						
	VOLTAGE		12 [V]	24 [V]	48 [V]	12 [V]	24 [V]	48 [V]
	CURRENT		6.3 [A]	3.2 [A]	1.6 [A]	8.4 [A]	4.2 [A]	2.1 [A]
	LINE REGULATION		120 [mV] max	120 [mV] max	240 [mV] max	120 [mV] max	120 [mV] max	240 [mV] max
	LOAD REGULATION		240 [mV] max	240 [mV] max	720 [mV] max	240 [mV] max	240 [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)					
			15 ~ 22 [V]	27 ~ 35 [V]	50 ~ 70 [V]	15 ~ 22 [V]	27 ~ 35 [V]	50 ~ 70 [V]
	OVER VOLTAGE PROTECTION		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]					

● Front part name

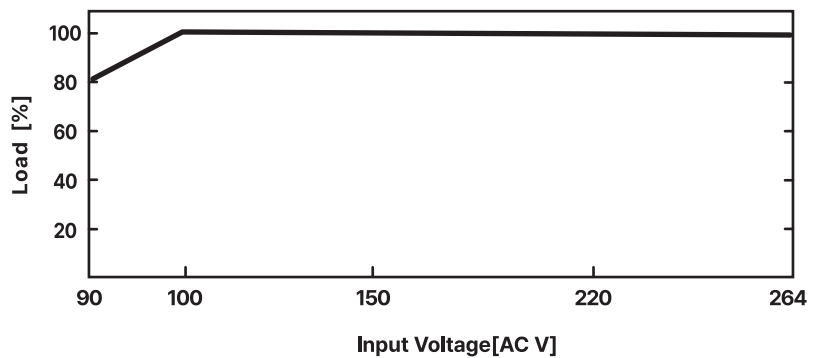


- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ AC Input (L)
- ⑤ AC Input (N)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

● Derating Curve For Ambient

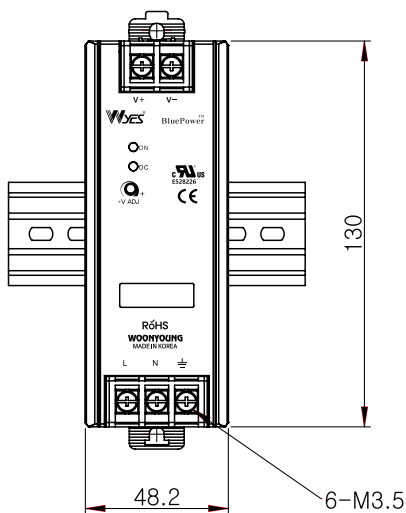


● Derating Curve For Input Voltage

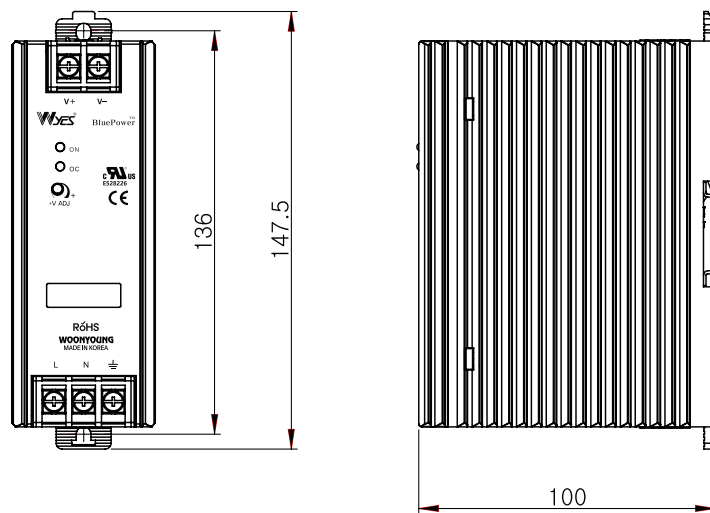


● Dimension

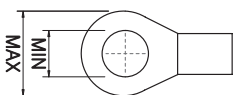
DIN-Rail Mount



Wall Mount



● Terminal



Max 6 , Min 3.5