

SWITCHING MODE POWER SUPPLY

DIN-RAIL Series 30W

UL[®] CB CE RoHS

UL 인증



● Features

- Wide Input Voltage Range (AC90—264V)
- Built-in Inrush Current Limiter
- Over Current Protection
- Short Circuit Protection
- Over Temperature Protection
- Auto—Restart Mode
- LED Indicator for Power on & Over Load
- SEMI — F47 (200VAC Only)

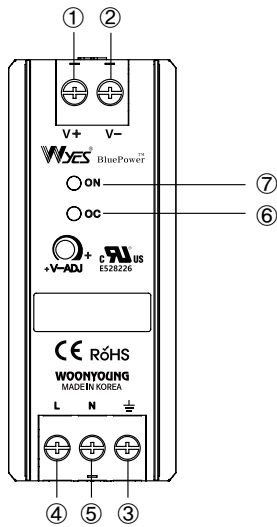
- DIN Rail 취부형 구조로 현장 작업시 간편하며 대량 설치 시 면적을 최소로 줄일수 있으며, 직접 벽부에 설치할 수 있도록 제품 하부에 Wall mount 레버가 장착되어 있어 활용범위가 넓은 Unit형 SMPS입니다.

- This is a unitized SMPS that is convenient to work on at sites, can reduce areas during large-scale installation, and has a wall-mount lever at its bottom for direct installation on walls to be wide in application scope as a DIN rail and wall attached structure.

● Specifications

MODEL			WYSP－30S05D	WYSP－30S12D	WYSP－30S24D	WYSP－30S48D
ITEM						
SAFETY STANDARDS			 IEC 60950－1:2013	 IEC 62368－1:2018	  IEC 62368－1:2018	  IEC 62368－1:2018
INPUT	AC Input Volatage Nominal		AC 100 ~ 240 [V]			
	AC Input Volatage Range		AC 90 ~ 264 [V]			
	CURRENT	AC110 [V]	1.3 [A]			
		AC220 [V]	0.6 [A]			
	FREQUENCY		50/60 [Hz]			
	EFFICIENCY	AC110 [V]	70 [%]	87 [%]	87 [%]	87 [%]
		AC220 [V]	72 [%]	88 [%]	88 [%]	88 [%]
	INRUSH CURRENT	AC110 [V]	20 [Apk] typ	20 [Apk] typ	30 [Apk] typ	30 [Apk] typ
		AC220 [V]	30 [Apk] typ	30 [Apk] typ	40 [Apk] typ	40 [Apk] typ
	STANDBY POWER	AC110 [V]	0.3W(DOE VI)			
		AC220 [V]				
LEAKAGE CURRENT (60Hz)	AC110 [V]	MAX 0.5mA				
	AC220 [V]	MAX 1mA				
OUTPUT	VOLTAGE		5 [V]	12 [V]	24 [V]	48 [V]
	CURRENT		6.0 [A]	2.5 [A]	1.3 [A]	0.63 [A]
	LINE REGULATION		60 [mV] max	60 [mV] max	120 [mV] max	240 [mV] max
	LOAD REGULATION		240 [mV] max	240 [mV] max	480 [mV] max	720 [mV] max
	RIPPLE & NOISE		120 [mVp－p]	100 [mVp－p]	100 [mVp－p]	180 [mVp－p]
	TEMPERATURE DRIFT (0～50℃)		240[mV] max			
	START-UP TIME	AC110 [V]	2 [s] at Full Load			
		AC220 [V]				
	HOLD-UP TIME	AC110 [V]	15 [ms] at Full Load			
		AC220 [V]	60 [ms] at Full Load			
	PROTECTION CIRCUIT	OVER CURRENT PROTECTION		Works over 140% of rating and recovers automatically (hiccup)		
OVER VOLTAGE PROTECTION		6 ~ 10[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℃, 20 ~ 90% rh (non condensing)			
	STORAGE TEMP AND HUMID		－20 ~ 70℃ (non condensing)			
GENERAL	COOLING		Air			
	WEIGHT		0.3 [kg]			

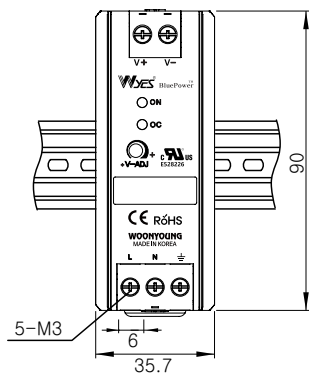
● Front part name



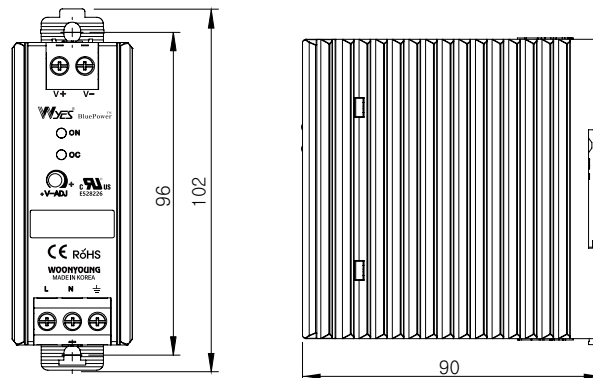
- ① + Output Terminal
- ② - Output Terminal
- ③ Frame Ground
- ④ AC Input (L)
- ⑤ AC Input (N)
- ⑥ Over Current LED (Red)
- ⑦ Output LED (Green)

● Dimension

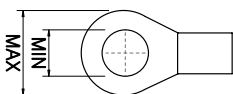
DIN-Rail Mount



Wall Mount

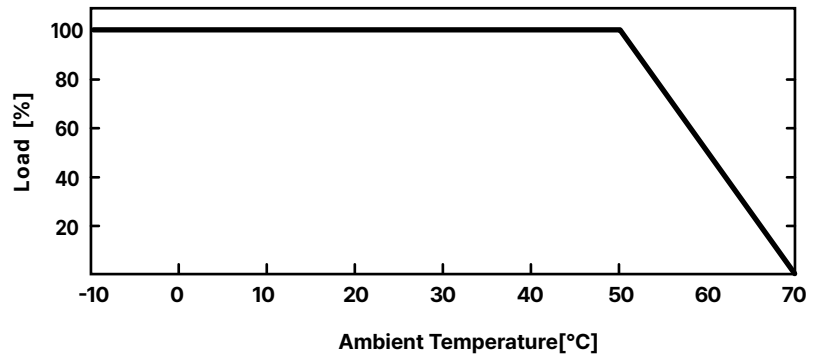


● Terminal



Max 6 , Min 3.5

● Derating Curve For Ambient



● Derating Curve For Input Voltage

