



● Features

- Input Voltage Range (AC170 ~ 264V)
- Built-in Inrush Current Limiter
- Over Current Protection
- Over Voltage Protection
- Short Circuit Protection
- Small Size

● Specifications

ITEM		MODEL	WYNSP-250S05A	WYNSP-250S12A	WYNSP-250S24A	WYNSP-250S48A
INPUT	VOLTAGE	220VAC...2.1A (Full Load)				
	FREQUENCY	50/60Hz (47 ~ 440Hz or DC)				
	EFFICIENCY	75% typ	75% typ	75% typ	75% typ	75% typ
	INRUSHCURRENT	110VAC...14A/220VAC...28A(Io=100%, Ta=25°C at cold start)				
OUTPUT CIRCUIT	VOLTAGE (V)	5	12	24	48	
	CURRENT (A)	50.0	20.9	10.5	5.3	
	REGULATION LINE (mV)	60Max	75Max	120Max	240Max	
	REGULATION LOAD (mV)	120Max	150Max	240Max	480Max	
	RIPPLE (mVp-p)	120Max	150Max	240Max	480Max	
	RIPPLE NOISE (mVp-p)	170Max	200Max	290Max	530Max	
	TEMPERATURE DRIFT (mV) 0 ~ 50°C	120Max	150Max	240Max	480Max	
	RISE TIME (mS)	100 Max (AC IN 180V Io = 100%)				
	HOLDING TIME (mS)	15 typ (AC IN 180V Io = 100%)				
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 110% of rating and recovers automatically				
	OVER VOLTAGE PROTECTION	Works at 115 ~ 140% of rating				
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)				
	INPUT-CASE.FG	AC 1,500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)				
	OUTPUT-CASE	AC 500V 1minute, DC 500V 100MΩ (At room temperature & Humidity)				
ENVIRONMENT	OPERATING TEMP.AND HUMID	0 ~ +50°C, 20 ~ 90% RH (Non Condensing)				
	STORAGE TEMP. AND HUMID	-20 ~ +75°C, 20 ~ 90% RH (Non Condensing)				
GENERAL	COOLING	Fan cooling				
	WEIGHT (kg)	1.0				

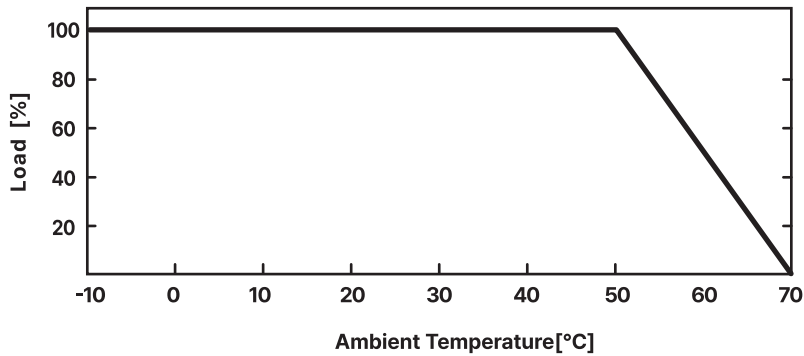
SWITCHING MODE POWER SUPPLY

WYES®
스위칭전원장치

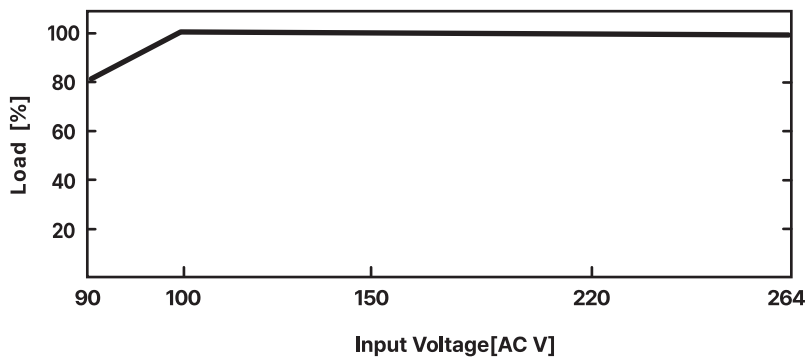
NSP Series 250W

CE RoHS

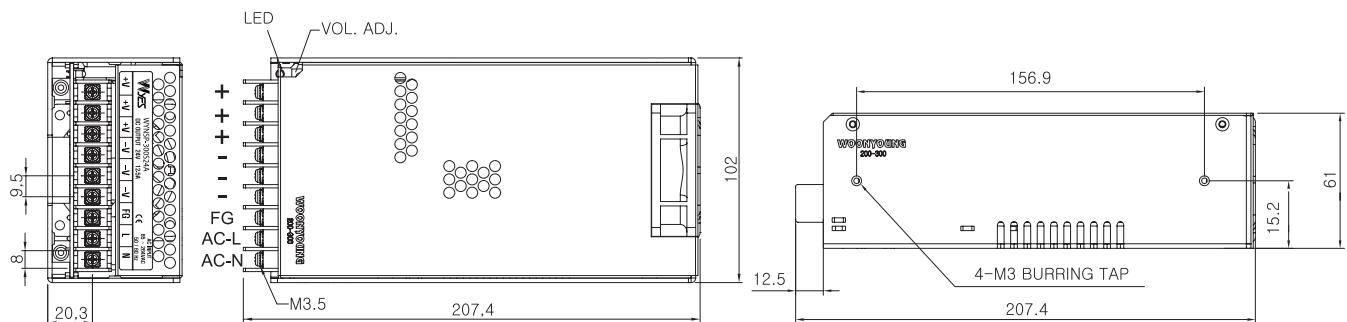
Derating Curve For Ambient



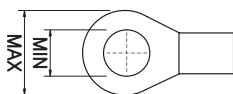
Derating Curve For Input Voltage



Dimension



Terminal



Max 7 , Min 3.5