

# 30W

## NSC30 SERIES

MODEL NSC30-3R3  
NSC30-05  
NSC30-09  
NSC30-12  
NSC30-15  
NSC30-24



### ■ NSC30-S SPECIFICATIONS

MODEL		NSC30-3R3	NSC30-05	NSC30-09	NSC30-12	NSC30-15	NSC30-24
INPUT	VOLTAGE	100-240VAC ~ 0.6A [AC85~264V / 0.6A typ(AC IN 100V)]					
	FREQUENCY	50Hz / 60Hz (47 ~ 440Hz or DC)					
	EFFICIENCY	67 % typ	70 % typ	72 % typ	75 % typ	75 % typ	78 % typ
	INRUSH CURRENT	20A typ(AC IN 100V, I <sub>o</sub> =100%) 40A typ(AC IN 220V, I <sub>o</sub> =100%) at cold start.					
OUTPUT	VOLTAGE (V)	3.3	5	9	12	15	24
	CURRENT (A)	6.0	6.0	3.3	2.5	2.0	1.3
	REGULATION, LINE (mV)	25Max	25Max	45Max	60Max	75Max	120Max
	REGULATION, LOAD (mV)	50Max	50Max	90Max	120Max	150Max	240Max
	RIPPLE (mVp-p)	50Max	50Max	90Max	120Max	150Max	240Max
	RIPPLE, NOISE (mVp-p)	100Max	100Max	140Max	170Max	200Max	290Max
	TEMPERATURE DRIFT 0~+50°C (mV)	50Max	50Max	90Max	120Max	150Max	240Max
	RISE TIME (mS)	1000 Max (AC IN 110V, I <sub>o</sub> =100%)					
HOLDING TIME (mS)	16 typ (AC IN 110V, I <sub>o</sub> =100%)						
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works over 110% of rating and recovers automatically					
	OVER VOLTAGE PROTECTION	Works over 115 ~ 140% of rating					
ELECTRICALLY	INPUT-OUTPUT	AC 1,500V 1 minute (Cut off 20mA), DC 500V 100MΩ (At room temperature & Humidity)					
	INPUT-CASE, FG	AC 1,500V 1 minute (Cut off 20mA), DC 500V 100MΩ (At room temperature & Humidity)					
	OUTPUT-CASE, FG	AC 500V 1 minute (Cut off 100mA), DC 500V 100MΩ (At room temperature & Humidity)					
ENVIRONMENT	OPERATING TEMP. AND HUMID.	-10~+50°C, 20~90% RH(Non condensing)					
	STORAGE TEMP. AND HUMID.	-20~+75°C, 20~90% RH(Non condensing)					
	VIBRATION	10~55Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis					
	IMPACT	10G for 20mS, Once on each X, Y and Z axis					
SAFETY	SAFETY REGULATION						
	LINE CONDUCTED RF VOLTAGE						

- Small size
- Built-in inrush current protection
- Over current protection
- Over voltage protection
- HIGH EFFICIENCY
- 2 years warranty

## EXTERNAL VIEW

\* NSC30-S

