

NSP-320-60 SWITCHING POWER SUPPLY

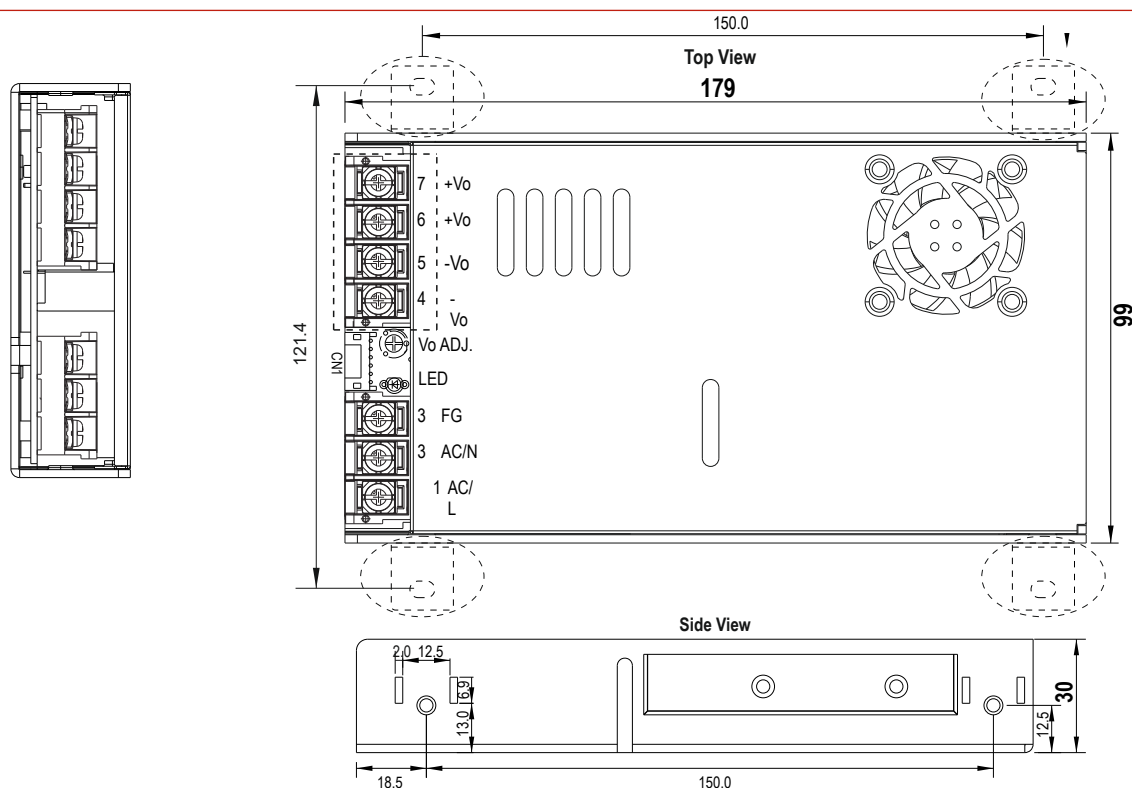
Main Features

- Rated current: 54 A
- DC input voltage: 60 VDC
- Rated power: 324 W
- -40 ~ +85 °C ambient temperature
- Protections: Short Circuit, Overload, Over Voltage, Over Temperature

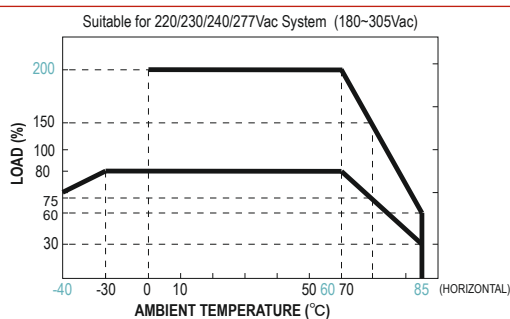
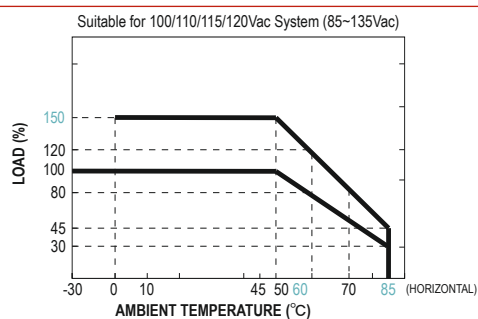
- Warranty: 24 months



Dimensions (Units:mm)



MORE INFO



DERATING CURVE

Specifications

MODEL		NSP-320-60	
OUTPUT	DC VOLTAGE	60V	
	RATED CURRENT	5.4A	
	RATED POWER	324W	
	VOLTAGE ADJ. RANGE	54 ~ 72V	
	VOLTAGE TOLERANCE Note.1	±1.0%	
	LINE REGULATION	±0.5%	
	LOAD REGULATION	±0.5%	
INPUT	VOLTAGE RANGE Note. 2	120 ~ 431Vdc	
	FREQUENCY RANGE	47 ~ 63Hz	
	EFFICIENCY	93.5%	
	AC CURRENT (Typ.)	3.2A/115Vac 1.6A/230Vac 1.4A/277Vac	
PROTECTION	OVERLOAD	Normally works within 105 ~ 200% rated output power for more than 5 seconds and then constant current limiting (Vout>30%), recovers automatically after fault condition is removed, or shut down o/p voltage without shutdown when Vout<30%,AC re-power on to recover	
		>200% rated power, constant current limiting (Vout>30%)with auto-recovery after fault condition is removed, or shut down o/p voltage when Vout<30%,AC re-power on to recover	
	OVER VOLTAGE	73~ 86V	
	OVER TEMPERATURE	Protection type : Shut down o/p voltage, AC re-power on to recover	
FUNCTION	VDC_OK SIGNAL	By phototransistor, contact rating(max.):15Vdc/10mA resistive load. Please refer to the Function Manual.	
ENVIRONMENT	WORKING TEMP.	-40 ~ +85°C (Refer to "Derating Curve")	
	WORKING HUMIDITY	20 ~ 90% RH non-condensing	
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes	
SAFETY & ISOLATION	SAFETY STANDARDS	CB DEKRA UL RCM CCC BSMI EAC KC/BIS EC62368-1, IEC60335-1, IEC61558-1/-2-16, IEC61010-1/-2-201, IEC60601-1; IEC62477-1 BS EN/EN62368-1, BS EN/EN60335-1, BS EN/EN61558-1/-2-16, BS EN/EN61010-1/-2-201, BS EN/EN60601-1(3.2 Version);BS EN/EN62477-1 UL62368-1, ANSI/AAMI ES60601-1(3.2 Version),UL61010-1/-2-201 AS/NES 62368-1, AS/NES61558-1/-2-16 GB4943.1 CNS15598-1 TP TC 004 approved; KC62368-1 and BIS IS 13252(Part 1) :2010 certified, no stock by request, contact sale for inquires	
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH	
OTHERS	MTBF	1699.1K hrs min. Telcordia SR-332 (Bellcore) ; 257.1K hrs min. MIL-HDBK-217F (25°C)	
NOTE	All parameters NOT specially mentioned are measured at 230 VAC input, rated load and 25 °C ambient temperature. 1. Tolerance: includes set up tolerance, line regulation and load regulation. 2. Derating may be need under low input voltages.		

Mounting

