NSP

NS POWER

600W Internal Enclosed Frame type switching power supplies for I.T.E

DESCRIPTION

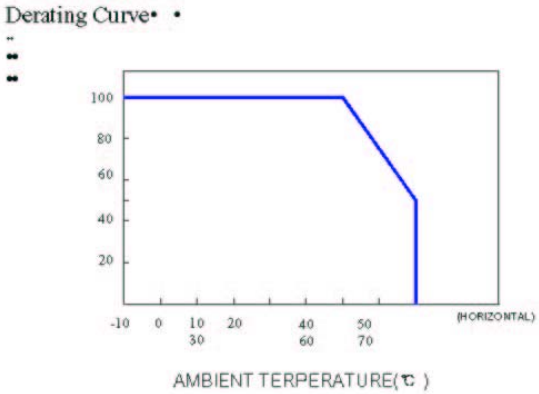
The NSP-HL6129 series of Enclose constructed, AC/DC switching mode power supplies provide 600 Watts of continuous output power. They are ideally suited for use in disc drive systems, micro-process or based systems, portable equipments and many other applications, all models are designed to meet the safety requirements of UL1950/CSA C22.2 No. 950 3rd/EN60950, IEC60950 TUV, CB, CCC GB 943 standard and CE requirements. All units are 100% burned in and tested. EMI: EN55022 Class B, FCC CFR 47 Part 15 Class B, CNS 13438 Class B. EMS: EN55024, EN61000-4-2,3,4,5,6,8,11.

FEATURES

- Universal AC Input 85VAC – 264VAC, 47-63Hz
- Active P.F.C. >0.95
- Inrush Current Limit Soft Start Function
- Remote Control On/Off
- Output voltage Remote Sense
- Over Temp./ Over Volt./ Over Load Protection
- Current Sharing function N+1 Up to 1.5kw
- Output Voltage 3.3VDC – 48VDC
- Output Voltage ±10% Adjustment
- Power Good Signal
- 2 year warranty
- Size: 4.92" x 10.83" x 2.48"
- No Load Requirement
- 100% Burn-In at 50°C
- MTBF 125K Hours
- Cooling Force Airflow with 16CFM DC Fan

ELECTRICAL CHARACTERISTICS

- Efficiency: 77% to 87%. (see table)
- Line Regulation: 1% max.
- Load Regulation: 1-3% max. (see table)
- Hold-up Time: >20mS min at 230VAC.
- Output ripple and noise: 1% max.



ENVIRONMENTAL

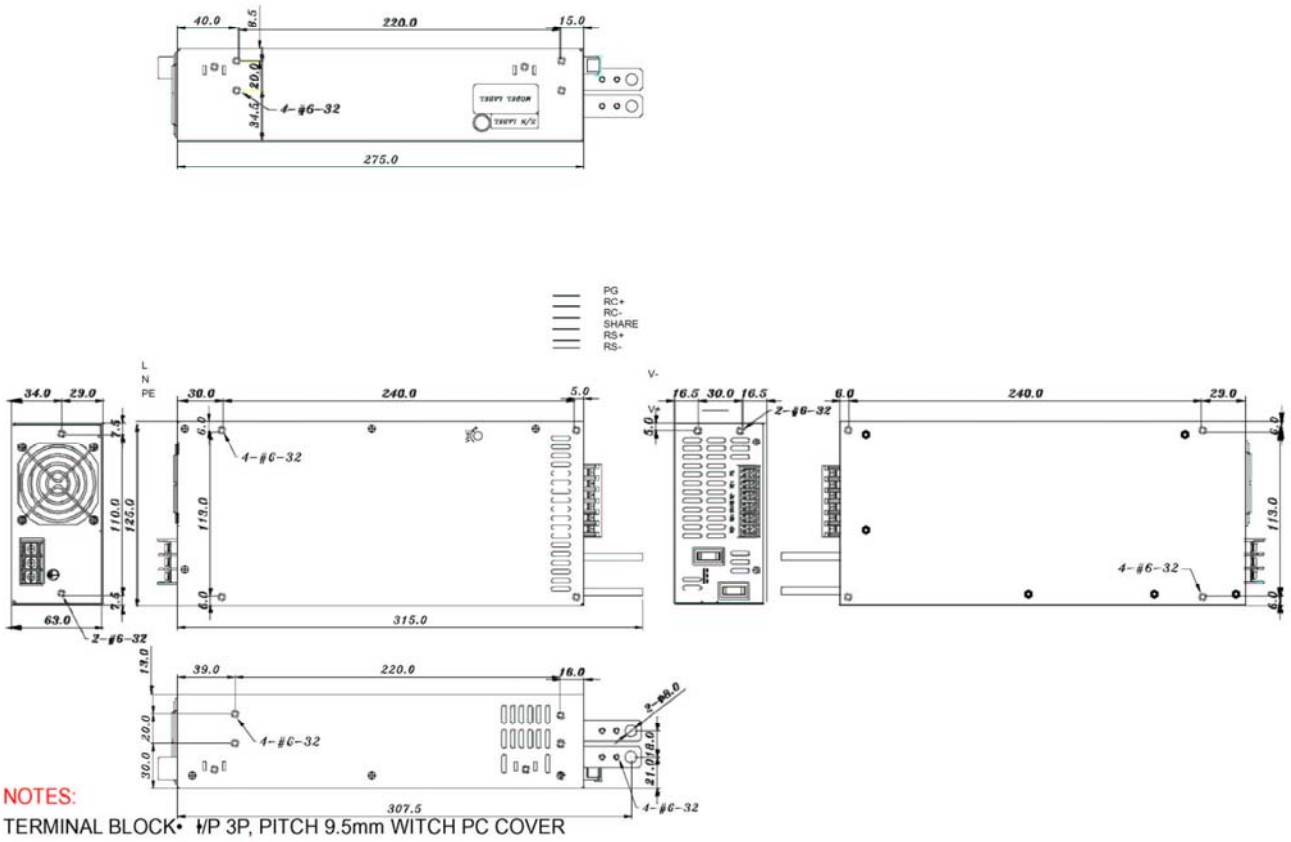
- Operating Temperature: -10 to 70°C
- De-rate linearly from 50 to 70°C by 2.5%/°
- Storage Temperature: -10 to 75°C
- Relative Humidity: 5 to 95%

TELEPHONE: (800) 670-0225 FAX: (866) 430-6114

OUTPUT VOLTAGE AND CURRENT RANGE

Model\ No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Efficiency	Ripple Noise Max
►NSP-HL6129B	5.0VDC	0A – 100.0A	2%	500W	77%	70mV
►NSP-HL6129D	12.0VDC	0A – 50.0A	1%	600W	84%	120mV
►NSP-HL6129E	15.0VDC	0A – 40.0A	1%	600W	85%	150mV
►NSP-HL6129F	24.0VDC	0A – 25.0A	1%	600W	86%	240mV
►NSP-HL6129G	30.0VDC	0A – 20.0A	1%	600W	86%	300mV
►NSP-HL6129H	48.0VDC	0A – 12.5A	1%	600W	87%	480mV

Dimension: (Unit: mm)



NOTES:

TERMINAL BLOCK• ㅏ/P 3P, PITCH 9.5mm WITCH PC COVER