

▶ 230W Dual Output Internal Power Supplies

▶ DESCRIPTION

The NSP-HL6135 Dual Output series of Enclose constructed, AC/DC switching mode power supplies provide 230 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 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

- 90VAC to 132VAC or 180-264VAC, Auto Sensing, 47 to 63 Hz
- Built-In EMI Filter, Low Ripple Noise
- Built-In Long Life Ball Bearing Fan
- Dual Output Voltages
- High Reliability, High Efficiency
- 2 year warranty
- Size: 4.49" x 7.99" x 1.99"
- Low Cost
- 100% Burn-In at 50°C
- MTBF 208K Hours
- Forced Airflow Cooling with a 16CFM.



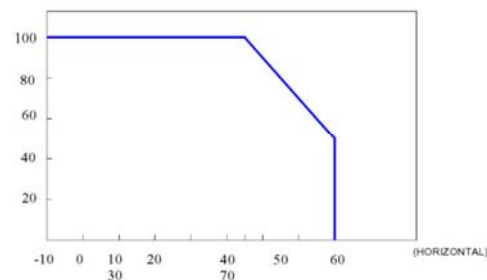
▶ ELECTRICAL CHARACTERISTICS

- Efficiency: 73-76% min.
- Line Regulation: 1% max.
- Load Regulation: 3%-5%. (see table)
- Hold-up Time: >80mS min at 230VAC.
- Output ripple and noise: 1% max.

▶ ENVIRONMENTAL

- Operating Temperature: -10 to 70°C
- De-rate linearly from 45 to 70°C by 2.0%/°
- Storage Temperature: -10 to 85°C
- Relative Humidity: 5 to 95%

Derating Curve • •

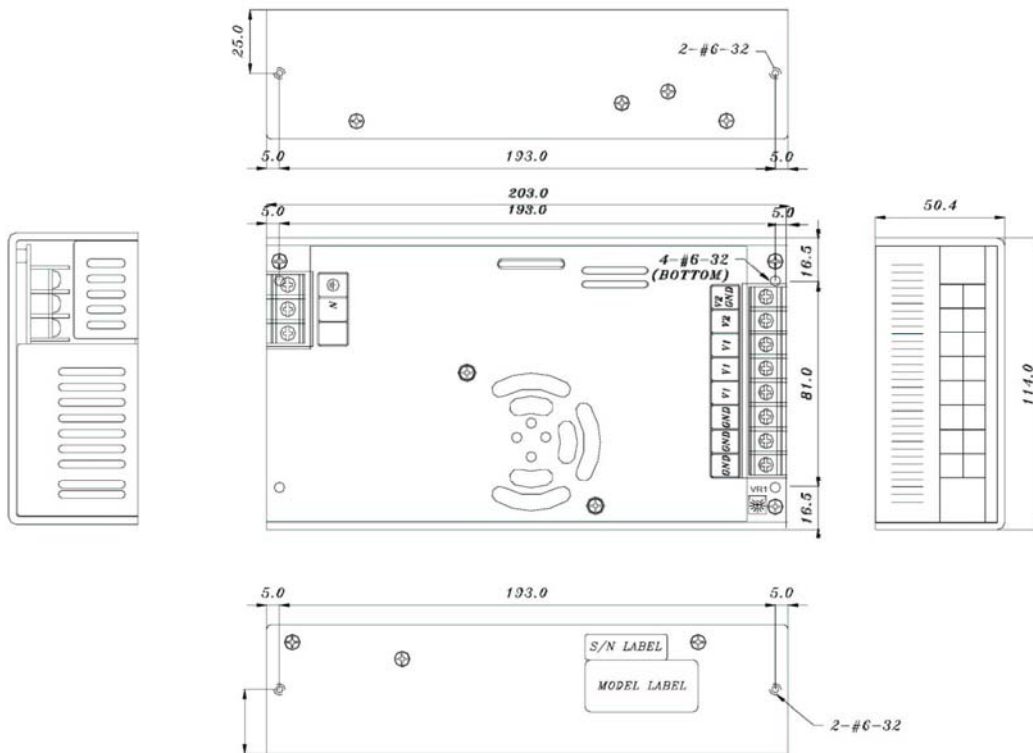


AMBIENT TEMPERATURE(°C)

OUTPUT VOLTAGE AND CURRENT RANGE

Model\ No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Efficiency	Ripple Noise Max
▶ NSP-HL6135A	+7.5VDC +5.0VDC	1.0A - 30.0A 0A - 4.0A	±2% ±3%	230W	75%	80mV 50mV
▶ NSP-HL6135B	+12.0VDC +5.0VDC	1.0A - 18.0A 0A - 4.0A	±1% ±3%	230W	78%	120mV 50mV
▶ NSP-HL6135C	+24VDC +5VDC	1.0A - 9.0A 0A - 4.0A	±1% ±3%	230W	80%	240mV 50mV

Dimension: (Unit: mm)



NOTES:

1. TERMINAL BLOCK: I/P=3P, O/P=8P P=9.5mm