

▶ 100W Dual Output Internal Power Supplies

▶ DESCRIPTION

The NSP-HL6133 Dual Output series of Enclose constructed, AC/DC switching mode power supplies provide 100 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

- Wide Input Voltage 90 to 264 VAC, 47 to 63 Hz
- Built-In EMI Filter, Low Ripple Noise
- Green Mode Design, <0.75W
- Dual Output Voltages
- Power ON with LED Indicator
- 2 year warranty
- Size: 3.74" x 7.8" x 1.5"
- Low Cost
- P.F.C. HL100PD SER. with PFC Circuit
- 100% Burn-In at 50°C
- MTBF 261K Hours
- CONVECTION COOLED, NATURAL COOLING



▶ ELECTRICAL CHARACTERISTICS

- Efficiency: 75% min.
- Line Regulation: 1% max.
- Load Regulation: 3%-10%. (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 50 to 70°C by 2.5%/°
- Storage Temperature: -10 to 85°C
- Relative Humidity: 5 to 95%

OUTPUT VOLTAGE AND CURRENT RANGE

Model\ No.	Output Voltage	Max. Output Current	Total Regulation	Max. Output Power	Efficiency	Ripple Noise Max
▶ NSP-HL6133A	5.0VDC 12.0VDC	0.5A - 12.0A 0.1A - 6.0A	±3% ±5%	100W	75%	50mV 120mV
▶ NSP-HL6133B	5.0VDC 24VDC	0.5A - 10.0A 0.1A - 4.0A	±3% ±5%	100W	76%	50mV 240mV
▶ NSP-HL6133C	12VDC -12VDC	0.3A - 4.9A 0.1A - 4.9A	±3% ±10%	100W	76%	120mV 120mV
▶ NSP-HL6133D	15.0VDC -15.0VDC	0.3A - 3.92A 0.1A - 3.92A	±3% ±10%	100W	76%	150mV 150mV

Dimension: (Unit: mm)

