

NGB250



BENEFITS

- 250W of power in a compact 2.0" x 4.0" x 1.5"
- Universal Input 85-264Vac for Home Healthcare
- Enhanced EMI and EMC performance ensures easy integration into end equipment
- Will ride through unstable mains power fluctuation ensuring continuous operation
- Long operational life – use of only high-quality electrolytic capacitors

FEATURES

- 175W convection rating in 2"x4" form factor
- Meets Class B EMI with 6dB margin
- >10 years electrolytic capacitor life
- -20oC to 80oC operating temperature range

VALUE PROPOSITION

- Dual Rated Medical & Industrial approved to AAMI ES/CSA C22.2/EN/IEC/UL60601-1 3rd Edition and IEC62368-1
- Meet IEC60601-1-2 4th Edition EMC requirements and feature 2x Means of Patient Protection (2xMOPP).
- Class B EMI compliance supports acceleration of home healthcare applications
- Built-in protections against unstable operational environments minimize the need for implementing at the system level, resulting in shorter development time and reduced cost.
- Common Mode Noise is minimized, helping system designers reduce development efforts and parts cost by reducing the amount of additional filtering needed otherwise.
- SL Power local technical support capabilities provide real-time help in solving potential design problems which could otherwise cause revenue loss due to delays in product introduction.

MARKETS

PLATFORMS

APPLICATIONS



Medical



Industrial

MEDICAL

- Operating Equipment
- Medical Lighting
- Lab, Dental, Hospital Equipment
- Clinical Chemistry Equipment
- Microbiology Equipment
- Drug Administration
- Hematology Instruments
- ICU Factory Automation
- Patient Monitoring

INDUSTRIAL - AV/LIGHTING

- Electronic Test
- Analytical Test
- Automatic Test Equipment
- Communications Test
- Automotive Test
- Process Control
- Factory Automation
- Refrigeration Controls

MEDICAL

- LED for Heat Therapy
- Chemical Therapy Analyzer
- Sterilizer
- Mass Analyzers
- Dialysis Equipment
- Infusion Pump
- Cauterizer Device
- ICU Monitor System
- Pulse Oximeter
- Surgical Equipment
- Imaging

INDUSTRIAL

- Oscilloscopes
- Protocol Analyzers
- Power Meters
- Mobile Network Analyzers
- Chromatography
- Rheometers
- Gas Analyzers
- In-Circuit Board Testers
- Label Printers
- Laser Cutting
- Kiosks
- ATM, Gaming
- Sorting Machines

COMPETITIVE POSITIONING

A bigger surface area means better performance and lower operating cost

NGB250 vs. Company Y

