

Baliram Technologies (OPC) Pvt. Ltd.

Address: 2nd Floor, MCCIA Building, Near Bank of India,
Hadapsar Industrial Estate, Pune - 411013, Maharashtra [INDIA]
Website : www.baliramtechnologies.com

BALIRAM
TECHNOLOGIES PVT LTD

**WHITE
PAPER**

**104W8038P001/IS210AEPG1BCA - Power Supply Board (Make-GE)
BTPL Product Code - BTPL-R06**

Product Details :

The 104W8038P001 is the original equipment manufacturer (OEM) board used in GE Vernova's AEPS system—specifically the IS210AEPG1B power supply board for the GE1.5 wind turbine platform.

Technical Specifications

- **Manufacturer:** GE Energy (part of GE Boards & Turbine Control) on the Mark VIe wind turbine platform
- **Part Number:** IS210AEPG1B (a revision 'B' of the IS210 AEPS power supply board)
- **Functional Role:** Alternative Energy Power Supply (AEPS), used to power position/performance electronics in wind turbines
- **Platform Compatibility:**
 - GE 1.5 MW series
 - Mark VIe control system
 - Also compatible with GE 1.6 MW, 1.7 MW, 2.3 MW platforms

Application:

- Supplies power to the AEPS (Angular/Electrical Position Sensing) module of the turbine's yaw and pitch control system.
- Integral to wind-turbine control electronics—ensures reliable operation of rotational positioning sensors.



can effortlessly perform visual tests, quickly identifying burnt components, damaged traces, or other visible signs of failure. Beyond the visual, we conduct comprehensive **functional tests** to ensure every aspect of your device is operating as intended.

State-of-the-Art Test Setup Our commitment to precision is reflected in our meticulously equipped test setup. We utilize only the best quality instruments.

- Accurate electrical measurements.
- LCR meters, Logic probes for digital circuit analysis.
- High End Oscilloscopes for visualizing electrical signals.
- Wide range of Function generators.
- Power supplies ranging from 3VDC to 300VDC and 110Vac to 3phase 230Vac for controlled testing environment.
- Premium soldering and desoldering stations for precise component work.
- We do test DUT (Device under test) with simulated and controlled environment.

Empower Your Electronics with Baliram Technologies

At Baliram Technologies, we don't just fix electronics; we breathe new life into them. We understand the critical role your equipment plays, and our dedicated team is committed to providing **swift, precise, and reliable solutions** to keep your operations running smoothly.

Expert Diagnostics & Troubleshooting Our highly trained and experienced technicians excel at **fault finding and troubleshooting on component level**. We utilize a methodical approach, combining deep technical knowledge with state-of-the-art tools to quickly identify the root cause of any malfunction.

Precision Visual & Functional Testing Sometimes, the answer is right before our eyes. Our skilled staff

Uncompromising ESD Protection Protecting your sensitive electronic components from electrostatic discharge (ESD) is paramount. At Baliram Technologies, we've implemented a robust ESD protection system throughout our lab. A full range of ESD-safe tools

Established Spare Parts Supply Chain We do have well established supply chain locally and abroad as well. We do have ready stock available at our Pune based facility.



Partner with Baliram Technologies and experience the difference that expertise, advanced technology, and a commitment to quality can make for your electronic systems.

Document No. : BTPL-W03