

B2EI-SARL - Corporate Presentation 2026

Engineering, consultancy, power integration and energy resilience in West Africa

Editorial

Founded in 2019, B2EI positions itself as a strategic electrical engineering partner for industrial, commercial and mission-critical facilities across West Africa. The company combines regional agility with international execution standards.

Core expertise

B2EI operates through four pillars: low-voltage switchboard manufacturing, installation of critical electrical systems, engineering/audit/diagnostics, and solar plus energy-efficiency solutions.

Why B2EI

Approved switchboard builder and Schneider Electric Master EcoXpert partner. Compliance with NF C 15-100 and NF EN 61439. Strong capacity to mobilise teams in Senegal, Mali, Burkina Faso and Guinea.

Switchboards & installation

Design and fabrication of TGBT, automation panels, distribution boards, process cabinets and complete electrical infrastructures. Busbar systems up to 4000 A and service continuity design up to IS 332.

Engineering & diagnostics

Design office using Caneco BT, Caneco IMPLAN, Caneco EP, AutoCAD and advanced metering tools. Services include network analysis, thermography, dielectric testing, conformity audits and reactive energy optimisation.

Photovoltaic & hybrid systems

B2EI designs solar, hybrid and storage systems using PVSyst and Caneco PV, with focus on ROI, energy savings, critical load security and remote supervision.

Selected references

Projects and references include MINUSMA, German Army, Olam Agri, ICS Indorama, Cassis Equipments, Prius Group and Teyliom Properties among others.

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