

INSTRUMENTAL POWER

ENERGY • CONSULTANCY • CLIMATE

Engineering reliable, efficient and sustainable energy solutions.

Executive Profile

**Powering a smarter
energy future.**

We help organisations build more reliable, efficient and sustainable energy systems.



01 | WHO WE ARE

Powering better decisions. Building better energy systems.

Instrumental Power is an energy and infrastructure company focused on delivering practical solutions to Nigeria’s evolving energy and climate challenges. We develop, engineer and support renewable energy, energy storage and power infrastructure solutions that help organisations improve energy reliability, reduce operating costs and transition towards cleaner and more sustainable energy systems.

Our work combines technical expertise, project development and consultancy to create solutions tailored to the operational, technical and financial realities of each client. From commercial and industrial facilities to public institutions, critical infrastructure and large-scale developments, we help clients move from energy challenges and project concepts to implementable solutions.

Our Vision	Our Mission	Our Values
To accelerate Nigeria’s transition to reliable, sustainable and economically viable energy	To deliver innovative energy and climate solutions that improve reliability, efficiency and sustainability for organisations across Nigeria.	Integrity • Excellence • Innovation • Sustainability



02 | WHAT WE DO

Integrated capability across the energy project lifecycle.

Instrumental Power brings together engineering, project development and strategic advisory capabilities. This allows us to support clients from early-stage assessment through design, procurement, implementation and optimisation.

ENERGY

- Solar PV systems
- Battery Energy Storage Systems (BESS)
- Electric Vehicle (EV) Charging Solutions
- Solar + storage and hybrid power systems
- Commercial & industrial energy solutions
- Critical power and online UPS systems
- Energy management and optimisation
- Distributed energy and mini-grid solutions

CONSULTANCY

- Energy and solar feasibility studies
- Load assessments and energy audits
- Conceptual and detailed engineering
- Technical due diligence
- Owner's Engineer services
- Technology and procurement advisory
- Technical and financial project modelling
- EPC tender preparation and evaluation

CLIMATE

- Renewable energy transition planning
- Energy efficiency and demand optimisation
- Emissions reduction strategies
- Sustainable infrastructure advisory
- Clean energy project development
- Climate-conscious energy planning



03 | OUR APPROACH

From energy challenge to measurable outcome.

Our approach is built around disciplined assessment, sound engineering and commercially informed decision-making. We do not begin with a technology; we begin with the client’s requirement.

01	ASSESS Understand energy consumption, load profile, infrastructure, operating conditions and key constraints.
02	DESIGN Develop the appropriate technical architecture for generation, storage, grid, backup and power quality.
03	DEVELOP Test project economics, implementation strategy, procurement approach and delivery requirements.
04	DELIVER Support engineering, procurement, construction, commissioning and project implementation
05	OPTIMISE Use performance data and operational insight to improve reliability, efficiency and lifecycle value.

Why Instrumental Power
01 Independent Thinking Technology-neutral advice focused on your objectives.
02 Engineering Expertise From feasibility through design and implementation.
03 Commercial Focus Solutions designed around reliability and lifecycle value.
04 Sustainability Reducing emissions while creating more resilient systems.



04 | WHERE WE CREATE VALUE

Solutions designed around the realities of each sector.

Government & Public Institutions

Reliable energy infrastructure, solar + storage, feasibility studies and technical advisory.

Financial Institutions

Critical power, resilience, energy cost optimisation and branch/network energy solutions.

Healthcare

Reliable power for clinical and critical loads, storage and power-quality solutions.

Telecommunications

Hybrid power, storage and energy optimisation for sites with high generator dependence.

Data Centres & Critical Infrastructure

Power continuity, energy storage, online UPS and resilient power architecture.

Commercial & Industrial

Solar PV, BESS, energy management and reduction of grid/generator dependence.

Hospitality & Real Estate

Energy cost optimisation, renewable generation and reliable backup systems.

Development & Infrastructure Projects

Feasibility, engineering, owner's engineer and project development support.

“Technical recommendations are considered alongside cost, implementation and long-term value.”



05 | OUR CAPABILITY AREAS

Selected Capability and Technology Focus.

Capability

- MW-scale solar PV and BESS feasibility
- Energy audits and load profiling
- PV system engineering
- Battery storage sizing
- Power architecture
- EPC technical support
- Owner's Engineer
- Project procurement advisory

Technology focus

- Solar PV
- Lithium-ion BESS
- Hybrid Power
- Power Electronics
- Online UPS
- Energy Management
- Electric Vehicle (EV) Charging
- Grid & Backup Integration

“Technology is evaluated on performance, lifecycle value, compatibility and supportability.”



06 | PARTNER WITH US

Reliable energy. Better economics. Sustainable impact.

Whether the requirement is a feasibility study, a renewable energy project, a battery storage system, critical power architecture or a broader energy transition programme, Instrumental Power provides the technical and strategic capability to help turn the requirement into a practical project.

Our core proposition

We help organisations understand their energy challenge, select the right technical pathway, develop a sound project case and move confidently toward implementation.

Partnership model

We work with clients, technology manufacturers, EPC contractors, financiers and development partners to create project structures that can move from concept to implementation with clear technical and commercial responsibilities.

“Energy solutions should be engineered for the way people and organisations actually operate.”



Contact Us

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