

ATLAS NRG

POWER BLOCKS



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ATLAS NRG POWER BLOCKS TAILORED POWER SOLUTIONS

For specialized projects that demand integral customization, we offer tailor-made solutions. These solutions go beyond mere analysis and feasibility studies; they encompass precise calculations, sustainability considerations, and rigorous control over the efficiency and reliability of each component within the solution.

Our dedicated sales engineering team supports the entire process, from project initiation to equipment commissioning.

- 1. Engineering:** Our multidisciplinary team handles everything—from analysis and design to manufacturing and installation of generators at their final location.
- 2. Flexibility:** As an integrated manufacturer, we have control over every phase of production. This flexibility allows us to meet diverse customer demands effectively.
- 3. Customization:** Our solutions are customized for each market. Whether it's optimizing cooling systems, ensuring equipment redundancy, or fine-tuning exhaust systems, we deliver 100% tailor-made projects.

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ECONOMIC RELIABLE MV AND LV SOLUTIONS

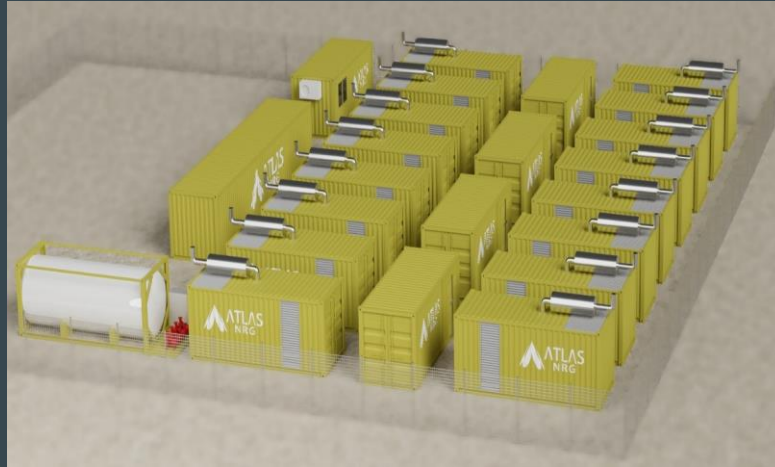


ATLAS NRG power blocks include specifically designed systems to meet Medium & Low Voltage electricity requirements. This configuration proves advantageous in wide range of critical sectors

Advantages of ATLAS NRG Power Blocks in Medium Voltage:

- **Reliability and Durability:** Unlike equipment retrofitted after the fact, our medium voltage generators are purpose-built. They offer long-lasting performance and reliability.
- **Faster Power Generation:** Swift response for distributing electrical power.
- **Compact Design:** Space-efficient without compromising performance.
- **Low Current Generation:** Efficient power conversion.
- **Quick Grid Failure Response:** Ensures uninterrupted power supply.
- **Improved Equipment Performance:** Enhanced efficiency and effectiveness.
- **Reduced Generation Power Loss:** Minimized energy wastage.

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Optimum Power



Optimum Footprint



Optimum Savings

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Multiple configuration options available based on customer requirements

Common Power output to load

PLUG & PLAY Single package solution

Optimised footprint

Ease of handling and transportation

Power redundancy

Enhance Reliability

Ease of handling and transportation

From single unit up to 32 in parallel

Remote Monitoring and Remote Access features

MV / LV or Multi voltage output

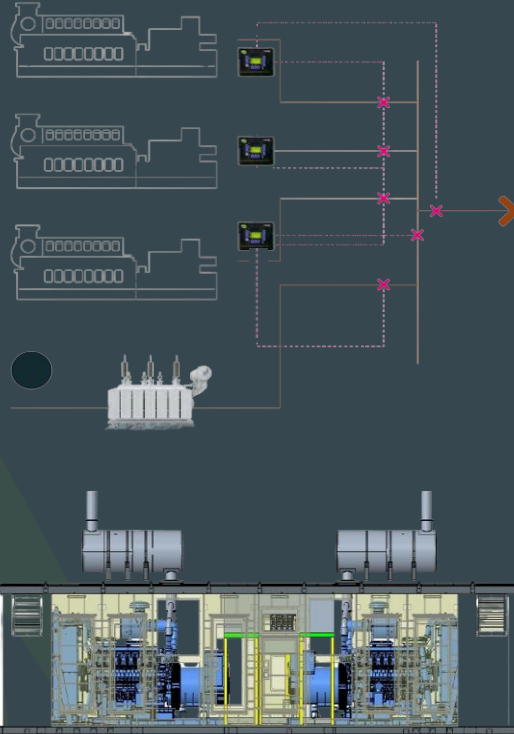
Complete Turnkey solution

Complete aftersales service support

Better flexibility

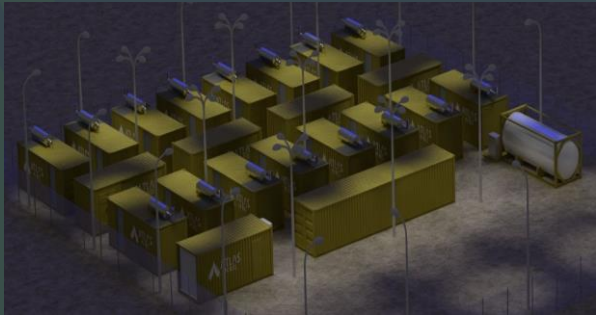
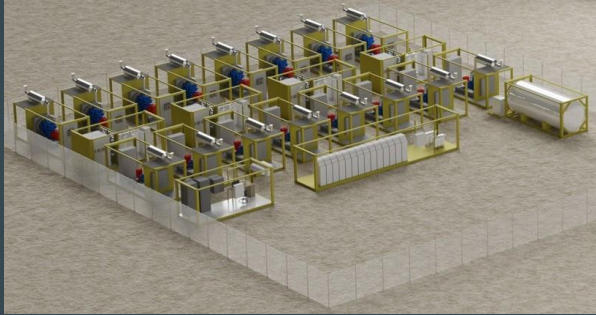
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BENEFITS



- Optimum power
- Reduced Carbon Footprint
- Optimal efficiency
- Optimised fuel consumption
- Reduced cost of ownership
- Hybrid power packs and in-built synchronization
- Reduced Carbon Dioxide Emissions of up to 40%
- Reduced Nitrous Oxide Emissions of up to 50%
- Reduction in space up to 20%
- Lower Product Footprint
- Better flexibility

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COMPONENTS

- Complete Genset/s
- Cells
- Transformer/s
- Optimised Fuel tanktainers
- Incoming feeders
- Management and control system
- Synchronisation system
- UPS for VCB Operation
- MV & LV Cables
- Firefighting system
- Advanced SCADA & Remote monitoring system

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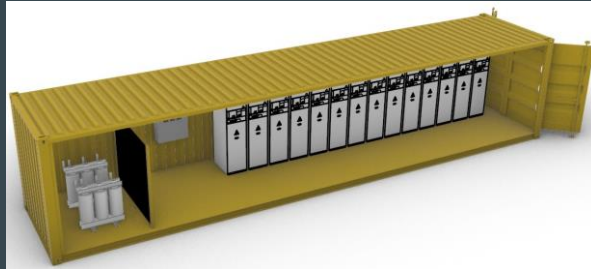


GENSETS

- Open, Soundproofed or Containerised
- Single Genset or Twin per Container
- Robust Diesel engines
- World Class components
- Silencers/s
- Tropicalized radiators
- Daily tank
- Control panel
- Inner lighting
- Firefighting system
- Static or mobile

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ACCESSORIES & SCOPE OF SUPPLY



- MV & LV Container
- Operation and Supervision Container
- Transformer/s container
- Cells Container
- Fuel tanktainers up to 120.000 L
- Maintenance Container
- General lighting
- Grounding cables and spikes
- Concrete blocks
- Cable trays
- Walkways
- Container Stacking system (if required)
- Operation and maintenance literature
- Video surveillance system
- Solar system

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