

Power Solution for Your Better Tomorrow

TIDE POWER

Innovative Generators & Equipment for
Industrial, Commercial & IPPs



✉ sales@tidepower.uk | 🌐 www.tidepower.uk

WORLDWIDE OFFICE: CHINA, VIETNAM, MALAYSIA, AUSTRALIA
COLOMBIA, EGYPT, SAUDI ARABIA, MYANMAR, UAE, NIGERIA.

Descriptions and specification are substantially correct at time of printing and subject to change without notice. (Version no.: V2604)

Global Energy Solutions Partner



TIDE POWER

Professional Energy Solution Provider

Established in Hong Kong, TIDE POWER is a leading manufacturer of power generation systems (6kVA-5625kVA), specializing in diesel/gas generators and integrated green energy solutions. With four production bases spanning UK, China, Saudi Arabia and Nigeria covering 50,000+ sq.m, we deliver 10,000+ units annually to support global energy infrastructure.



Reliable Power Systems:
Certified manufacturing of generators and smart hybrid energy solutions



Global Service Infrastructure:
24/7 multilingual support with regional hubs across South America, Middle East, Africa, and Asia Pacific

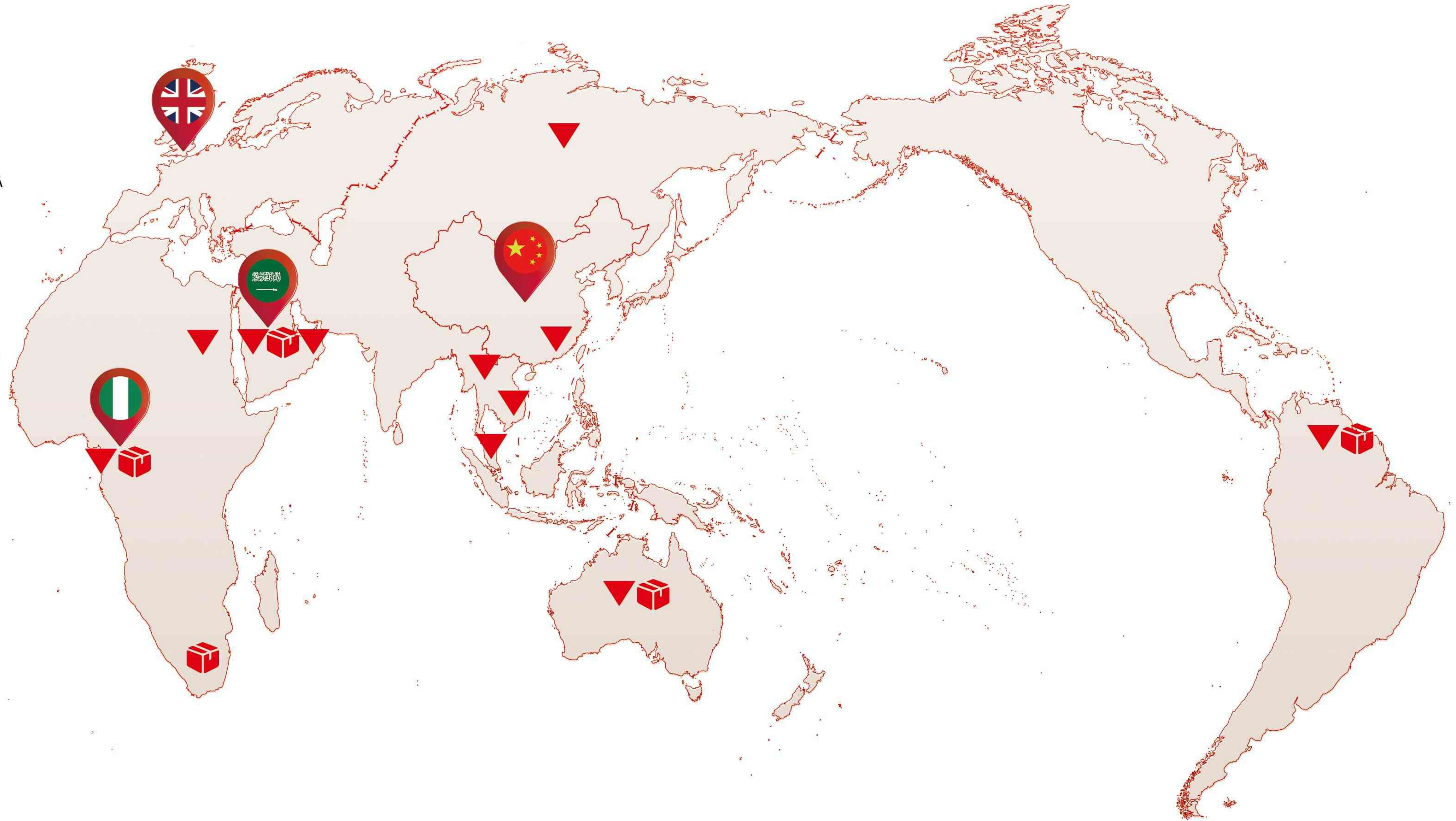


End-to-End Solutions:
Turnkey services from customized design to lifecycle maintenance

Production Base
UK / CHINA / SAUDI ARABIA / NIGERIA

Warehouse
SAUDI ARABIA / COLOMBIA / NIGERIA / AUSTRALIA / SOUTH AFRICA

Sales Office
CHINA / VIETNAM / MALAYSIA / AUSTRALIA / COLOMBIA
EGYPT / SAUDI ARABIA / MYANMAR / UAE / NIGERIA



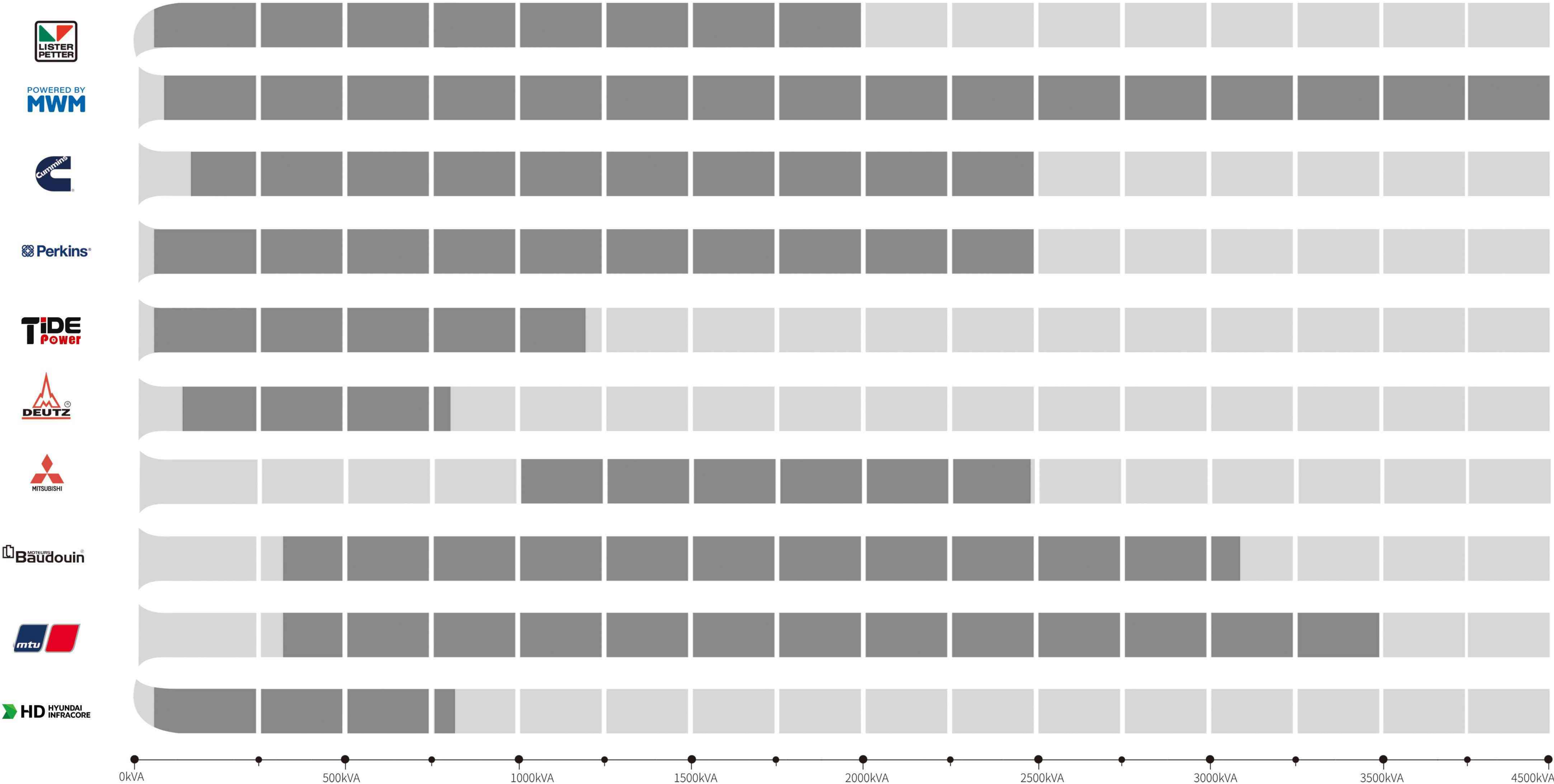
50,000+
Factory Area

10,000+
Production Capacity

80+
Countries & Regions

600+
Employees

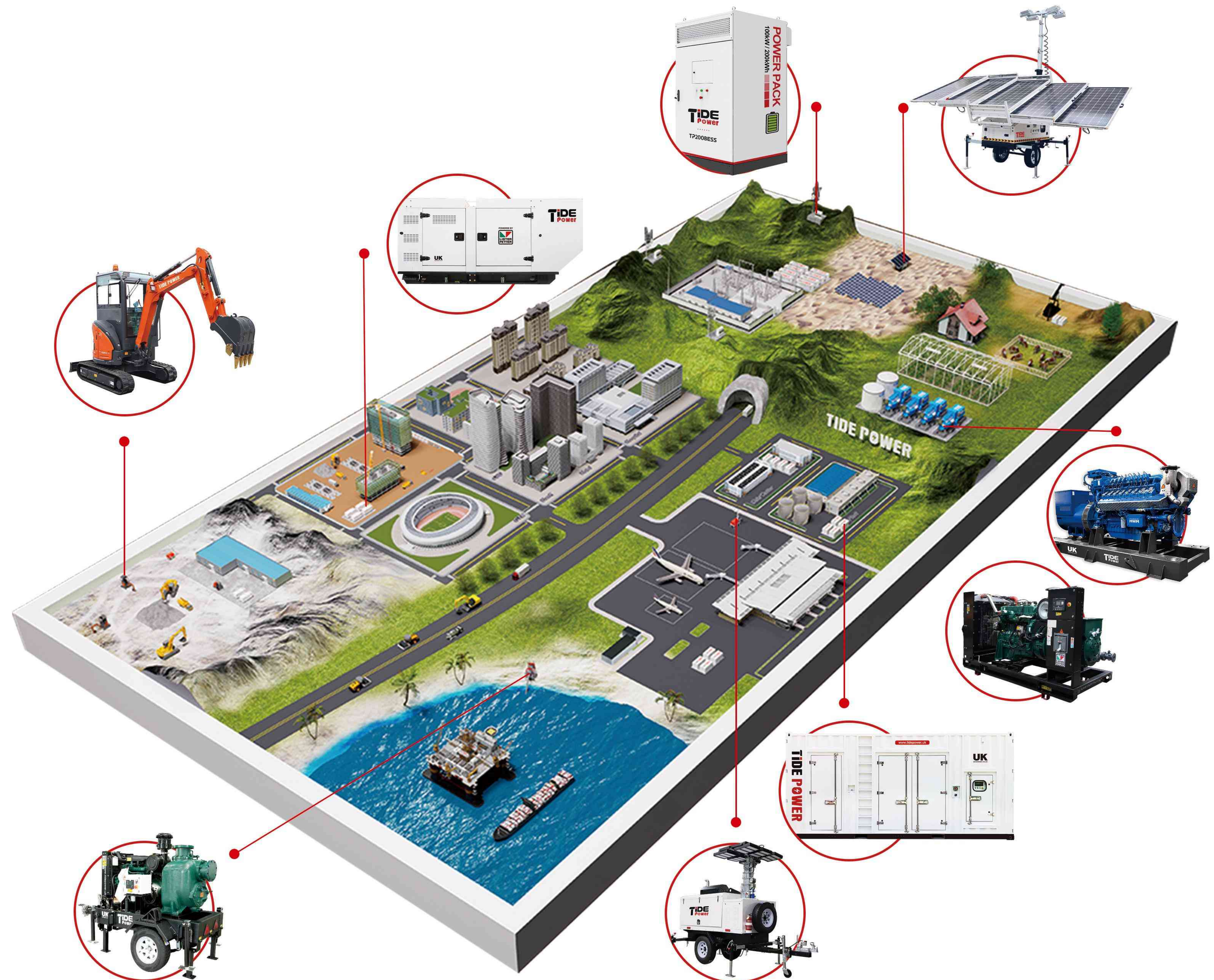
OUR SERVICE YOUR CHOICE



What We Provide

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Professional Energy Solution Provider

Powering mission-critical operations for:

- ✓ Industrial plants & mining operations
- ✓ Commercial complexes & data centers
- ✓ Utility-scale IPP renewable integration projects

Diesel Generator Set

Silent Generators



FENOVA SERIES

Bestselling Power Champion

- Full-scenario power coverage
- Convertible canopy design (open/silent mode switch in seconds)
- Multi-unit parallel operation capability
- Customizable engine configurations

- Key USPs**
- Broad power spectrum
 - Instant conversion
 - Parallel expansion



HEMERA SERIES

Human-Centric Innovation

- Enhanced ergonomic engineering based on core technologies
- Optimized maintenance access with touch-point serviceability
- Integrated transport system reduces relocation costs

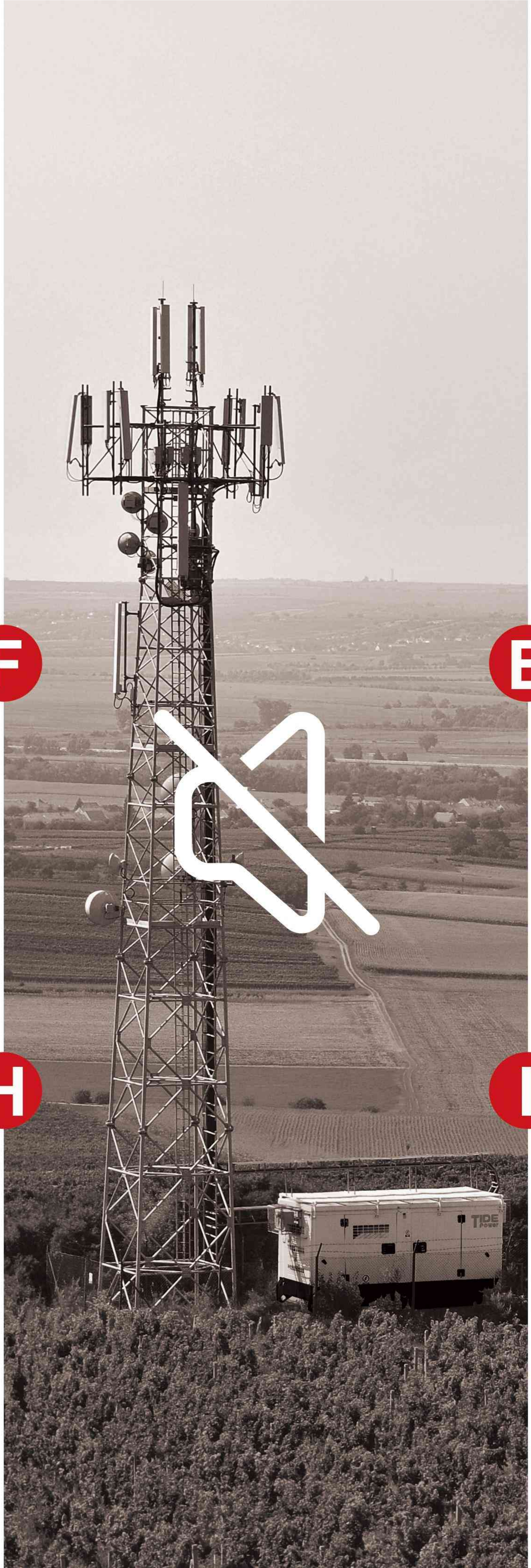
- Key USPs**
- Maintenance-optimized
 - Intelligent mobility
 - Lower Noise Level

F

E

H

I



PANDA SERIES

Ultimate Value Proposition

- Cost-effective design with superior durability
- Enhanced weather resistance and maintenance efficiency
- Easy installation and modular serviceability

- Key USPs**
- Weatherproof
 - Modular DIY
 - Branded Components

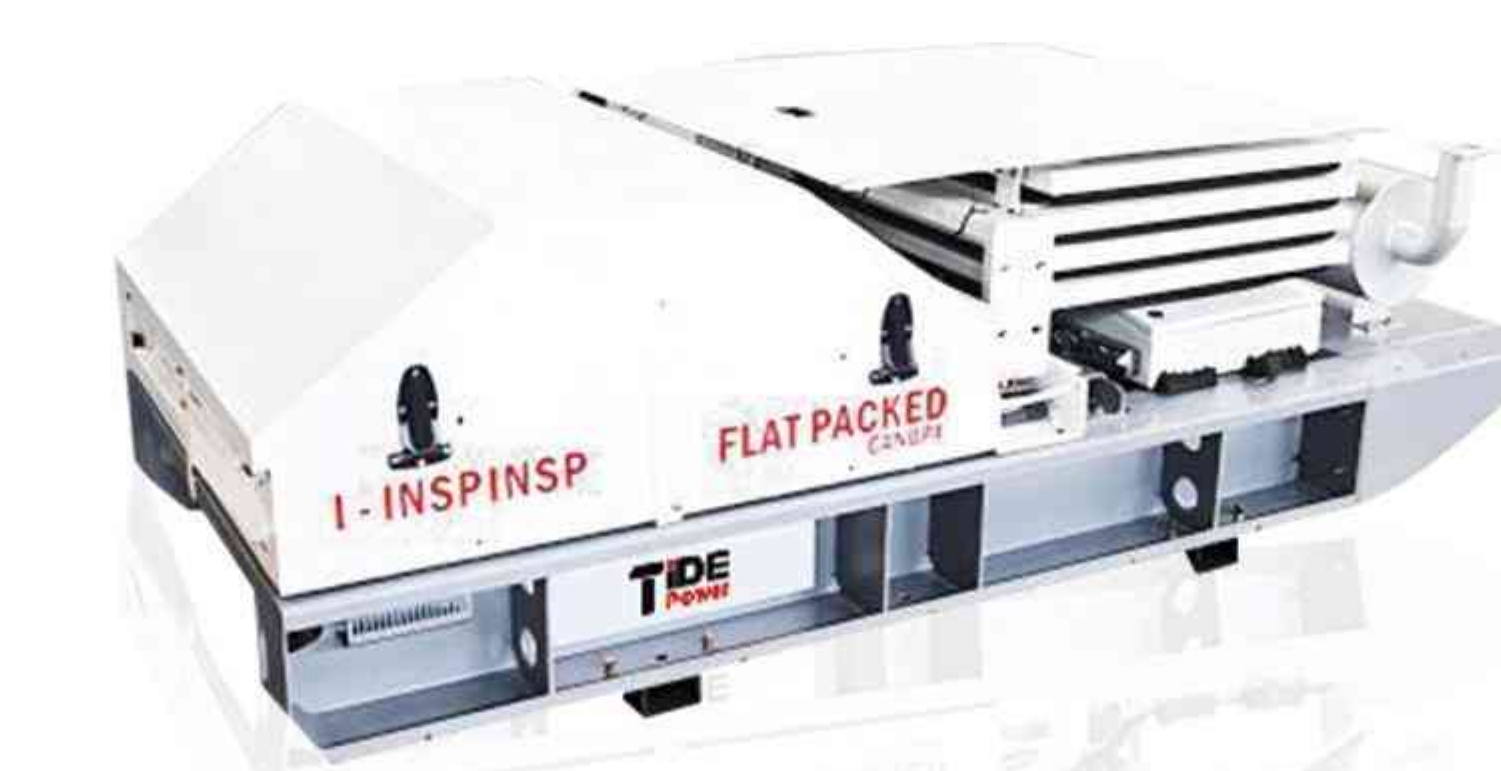


ECONIC SERIES

Industrial Workhorse

- Oversized fuel tank extends runtime by 50%
- Vertical airflow duct with precision thermal management
- Top-lift-free steel structure with forklift slots & towing points

- Key USPs**
- Extended operation
 - Enhanced cooling
 - Industrial-grade mobility



I SERIES

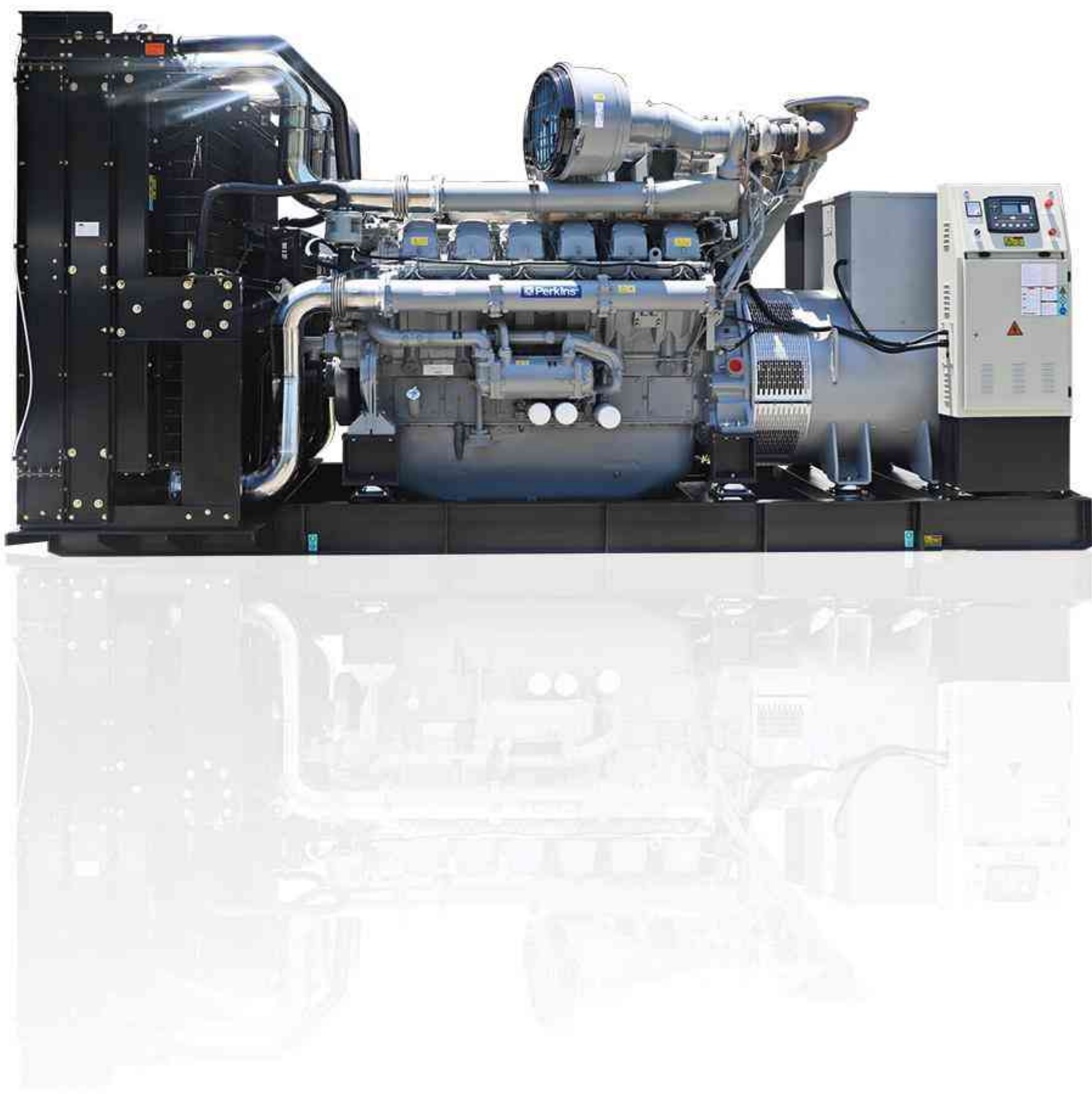
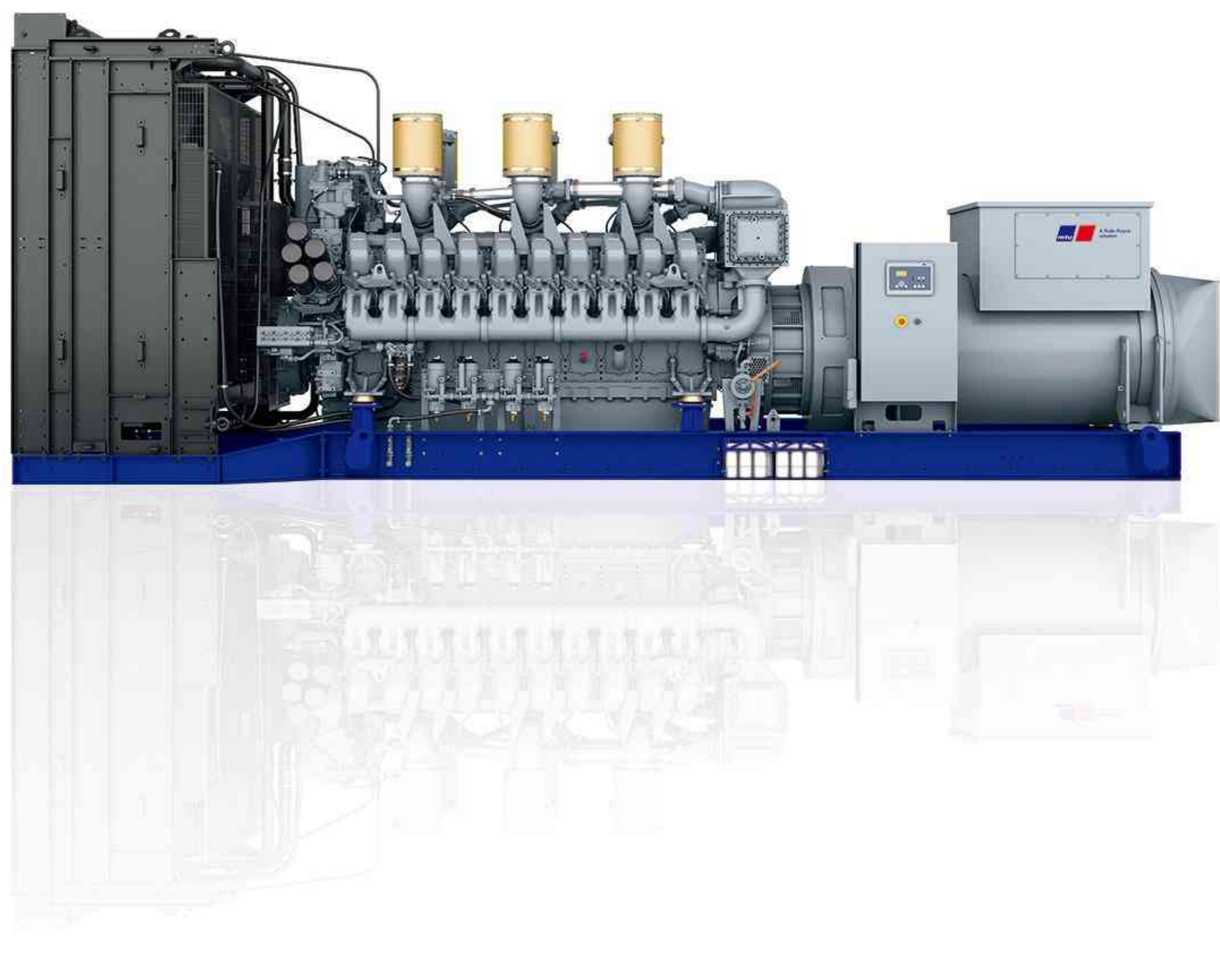
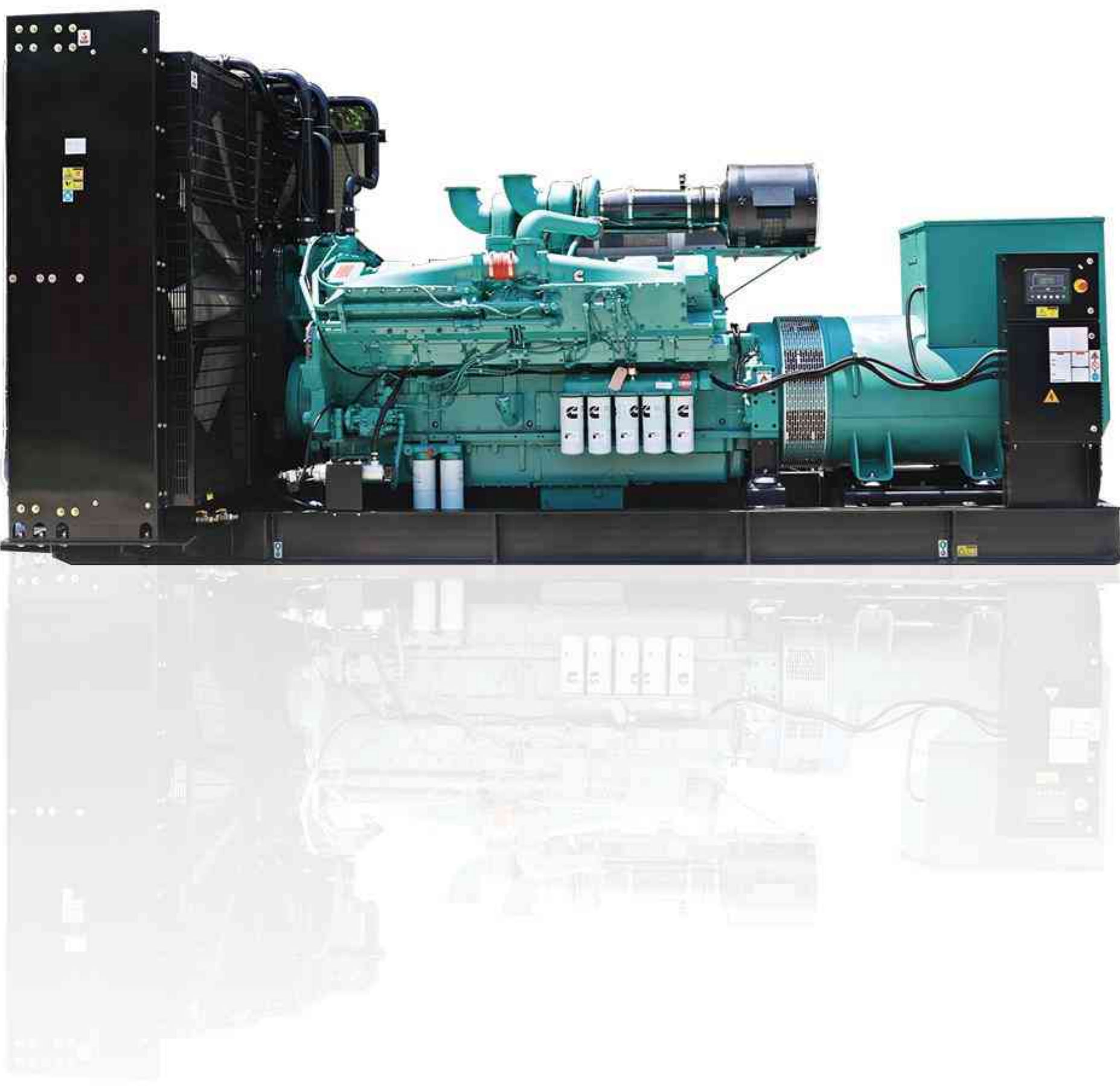
Configure Your Power

- Modular engine & alternator selection
- Custom accessory combinations
- High-Quality & Reliable

- Key USPs**
- Modular DIY
 - Easy maintenance
 - Easy operation

Diesel Generator Set / 6-5625kVA

Open Type Genset



Engine Options



Flexible deployment configurations

- Open-set
- Trailer-mounted

Advantages

Certified for -30°C to 50°C operation
24/7 continuous duty cycle

Applications

Heavy Industry



Mining

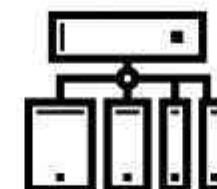


Oil & Gas



Steel

Infrastructure



Data Centers



Hospitals



Airports

Emergency Systems



Military



Disaster Relief



Utilities

Custom Power Solutions

Super Silent Generator (59-67dB(A))

Compound noise reduction technology

Key USPs

- ✓ 3-layer acoustic treatment
- ✓ Microgrid-compatible control
- ✓ 30% quieter than industry standard

Applications



Mobile Generating Sets

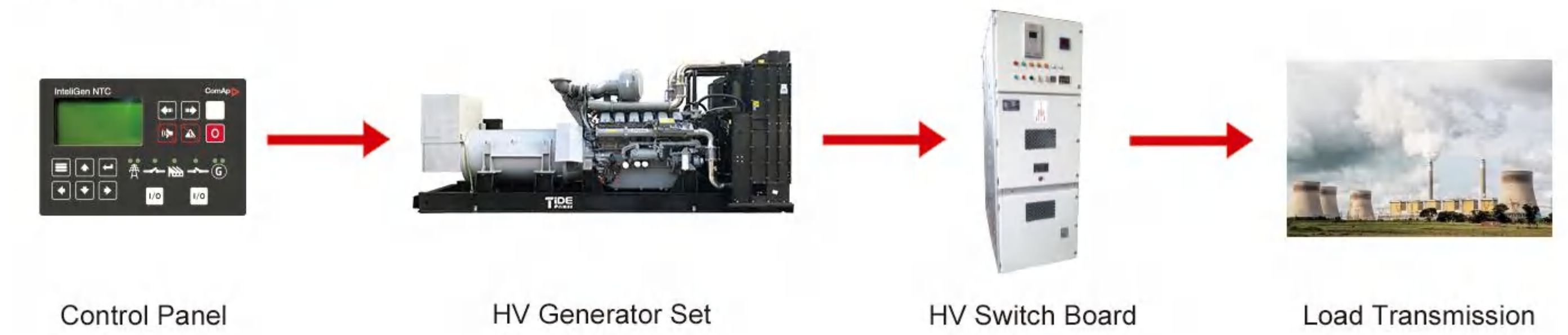
Please consult our sales department for relevant specifications and photos

- ✓ Running Speed <80(Km/h)
Including reflector, rubber sealing plug, outrigger, fender, block and fixed bolt
- ✓ Running Speed<30(Km/h)
Including taillight, taillight connector, taillight wiring harness and outrigger
- ✓ VIN Prepared



HV Generator Set (Up to 2500kVA)

- ▶ 15% lower transmission loss vs standard units
- ▶ ISO 8528 certified testing
- ▶ Ideal For: Data centers, industrial plants
- ▶ G3 Standard



Fuel Tank Solution (AS1940/AS1692 Compliant)

- ▶ Bunded/double-deck designs
- ▶ Lockable stainless steel components
- ▶ The outer tank can hold 110% of the inner tank's capacity



Rental Power Solution (65-1375kVA)

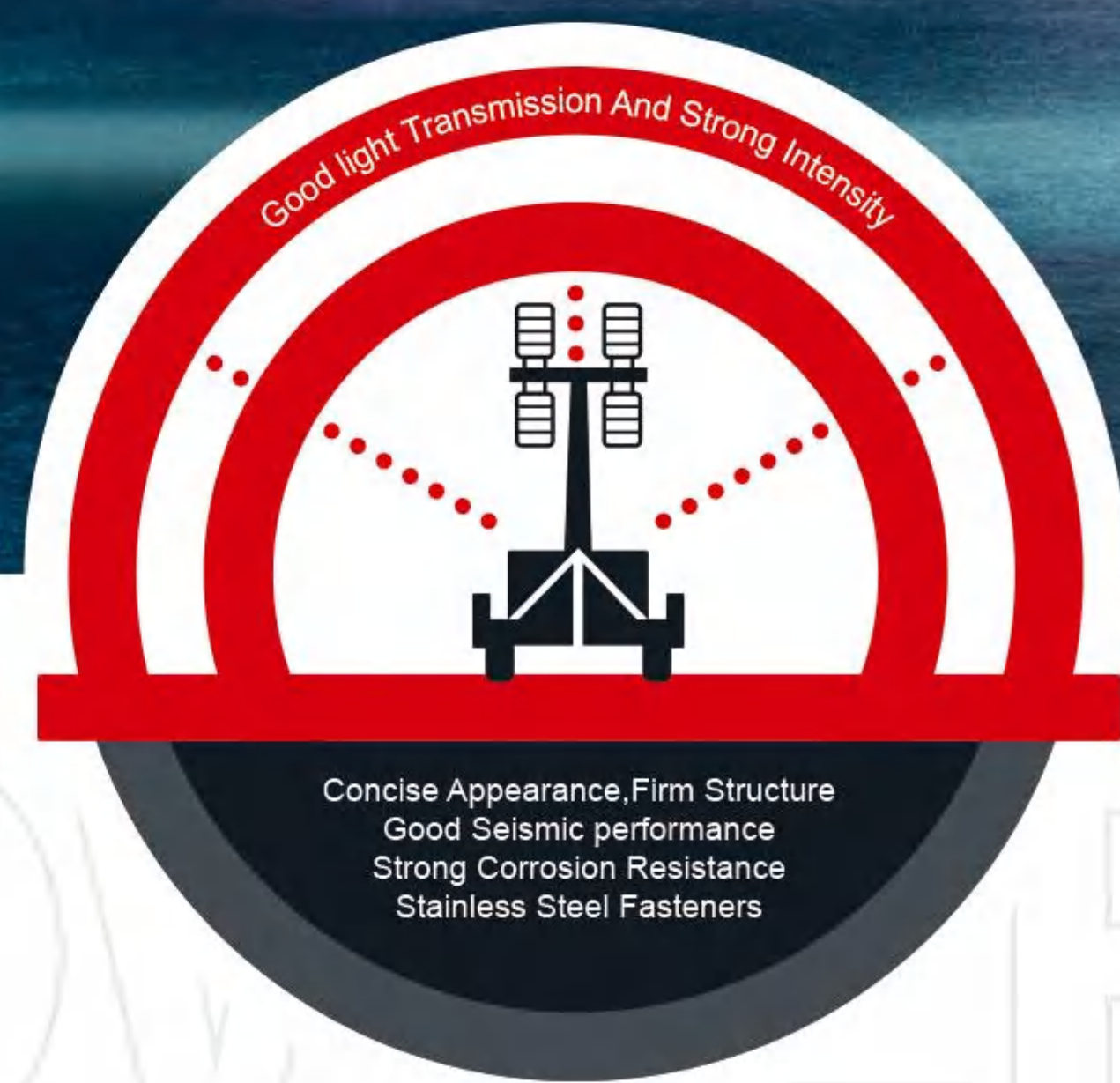
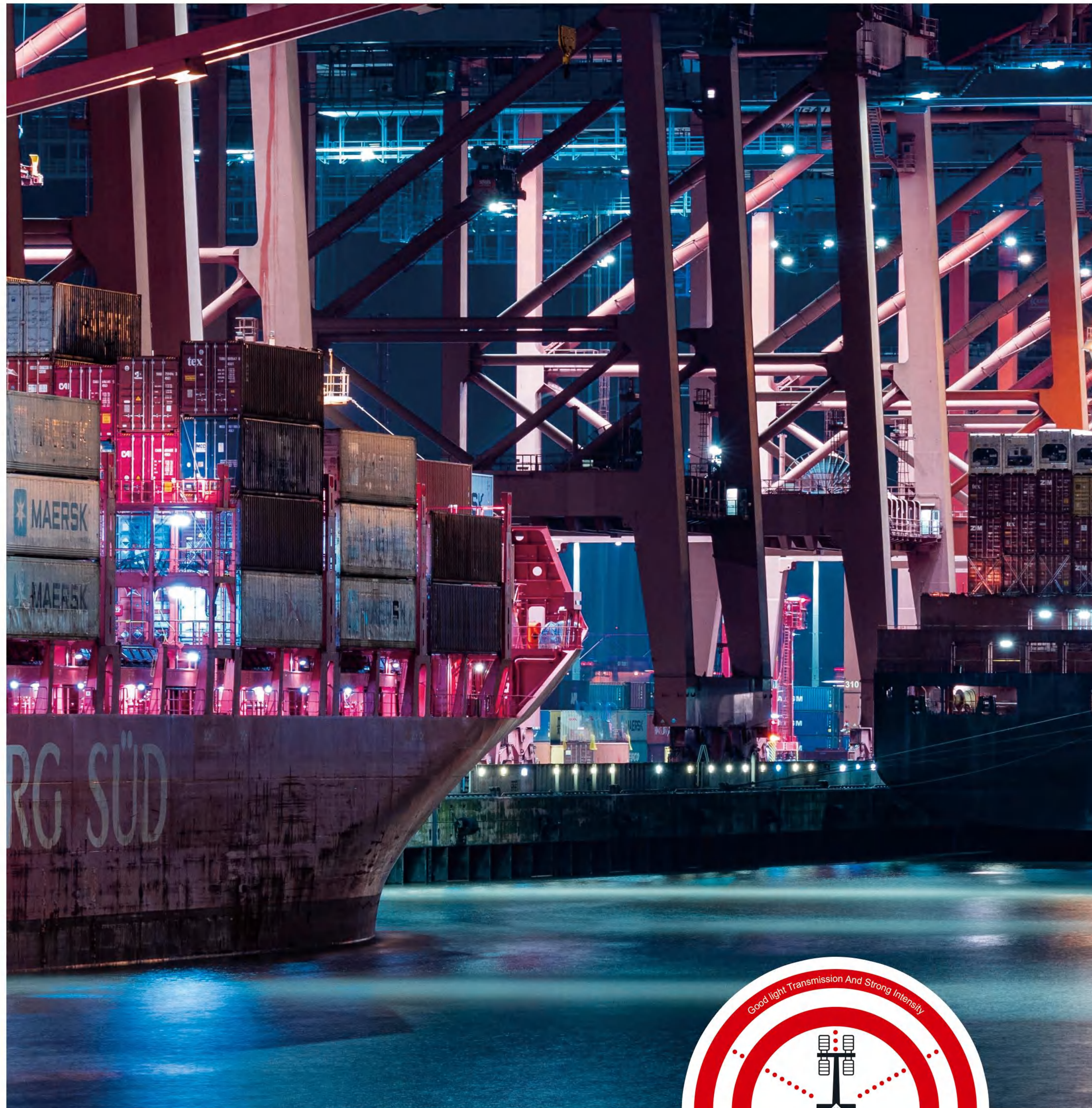
- ▶ Reduced maintenance hours
- ▶ Plug-and-play connectivity



Enclosure Generator
65~910kVA



Containerized Power Box
1000~2500kVA



Lighting Tower

Adaptive Mast Systems


Manual | Electric | Hydraulic

Extreme-Ready Performance

Stability • Flexibility • Sustainability

Key Features


- ✓ Harsh-Environment Proven
- ✓ Modular Customization
- ✓ Hybrid/Solar Capable



Manual Mast (Horizontal or Vertical) 2.4-10kW


Electric Mast Options Meta Halide Options

LED Lamp 4x350W	Light Coverage (Average 5 hours) 5530m ²	Lamp Durability/ Light Expectancy 50,000hrs
Mast Height 2.76m-7.5m	Runtime 85-120hrs	Fuel Tank Capacity 120L




LED Hydraulic Mast (Vertical) 2.4-10kW

LED Lamp 6x500W	Light Coverage (Average 5 hours) 5530m ²	Lamp Durability/ Light Expectancy 50,000hrs
Mast Height 2.8m-8.5m	Runtime 66-80hrs	Fuel Tank Capacity 120L



Solar Lighting Tower (Vertical)

LED Lamp 4x100W	Solar Panel 5x380W 36V	Gel Battery 4x200AH 12V
Mast Height 2.76m-7.5m	Lighting Time (Full capacity) 21hrs	Battery Bank Design Life 10 years



Solar Hydraulic Lighting Tower (Vertical)

LED Lamp 4x400W	Solar Panel 5x420W 90.17V	Lithium Iron Phosphate Battery 6x100AH 25.6V
Mast Height 2.9m-9m	Lighting Time (Full capacity) 9hrs	Design Life 6000 Charge / Discharge Cycles

Gas Power Solutions

7kW–4.5MW Range | Grid-Parallel Ready



Powered by
MWM



Powered by
LISTER PETER

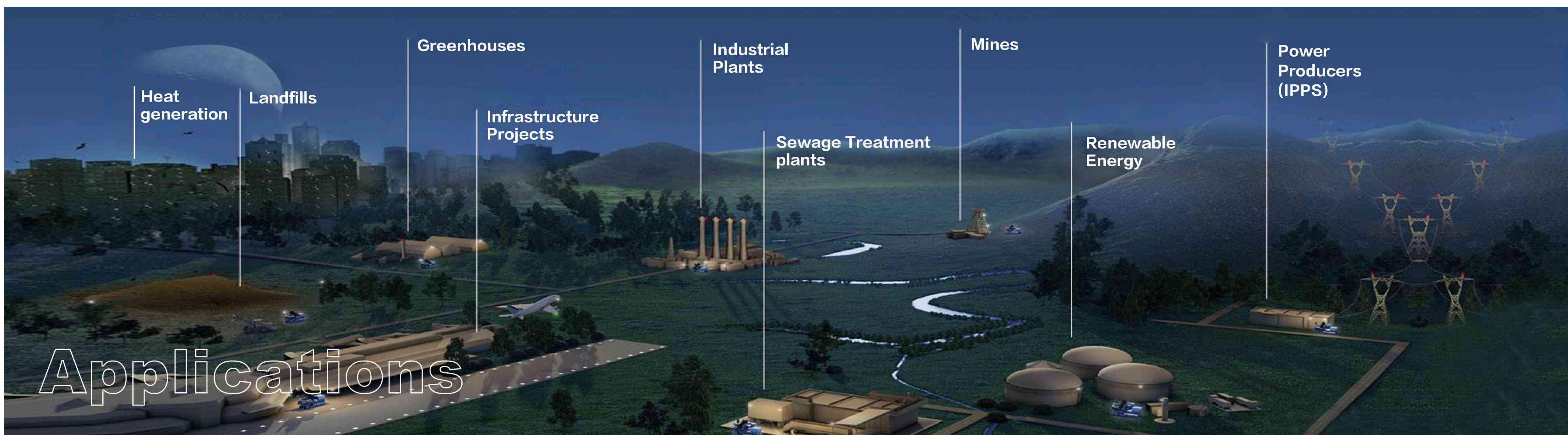


Powered by
TIDE POWER

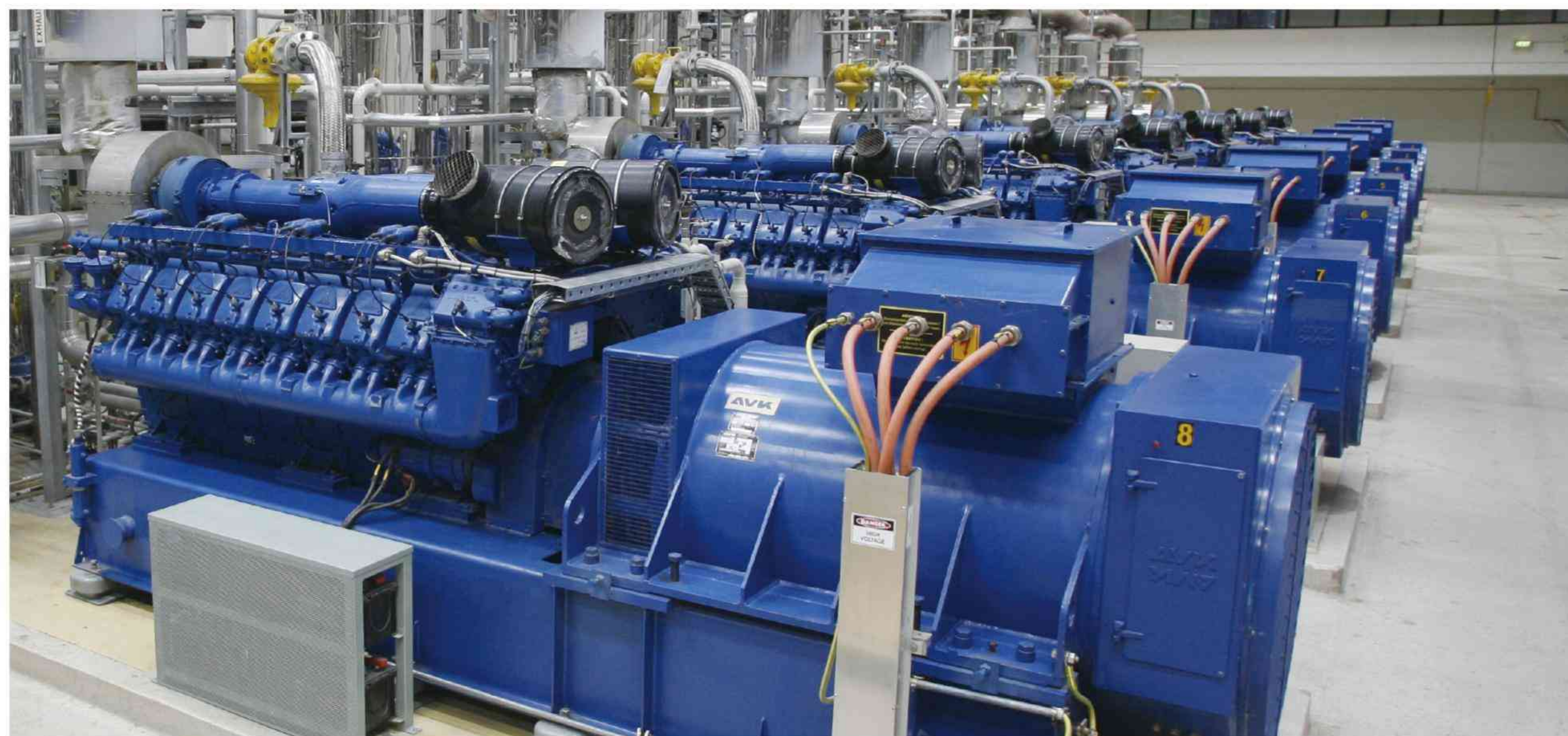
Fuel Flexibility

- Natural Gas
- Biogas
- LPG

- ✓ **High Reliability** Guaranteed continuous operation for 6,000–8,000 hours. Global service network with 24/7 spare parts availability.
- ✓ **High Durability** Robust construction featuring stainless steel pipelines, vibration-absorbing rubber, and automatic oil refilling. Advanced lubricant management system for extended service life.
- ✓ **High Efficiency** Energy utilization up to ±85% with heat and exhaust recovery systems. Optimized fuel metering and air-to-air intercooler for peak performance.
- ✓ **High Security** Comprehensive safety systems: gas leak protection, lightning protection, smoke alarms, and explosion-proof controls. Certified ECU for stable engine operation and precise ignition.
- ✓ **Humanized Design** LCD intelligent control system and remote monitoring interface. Customized low-noise solutions for residential and sensitive environments.



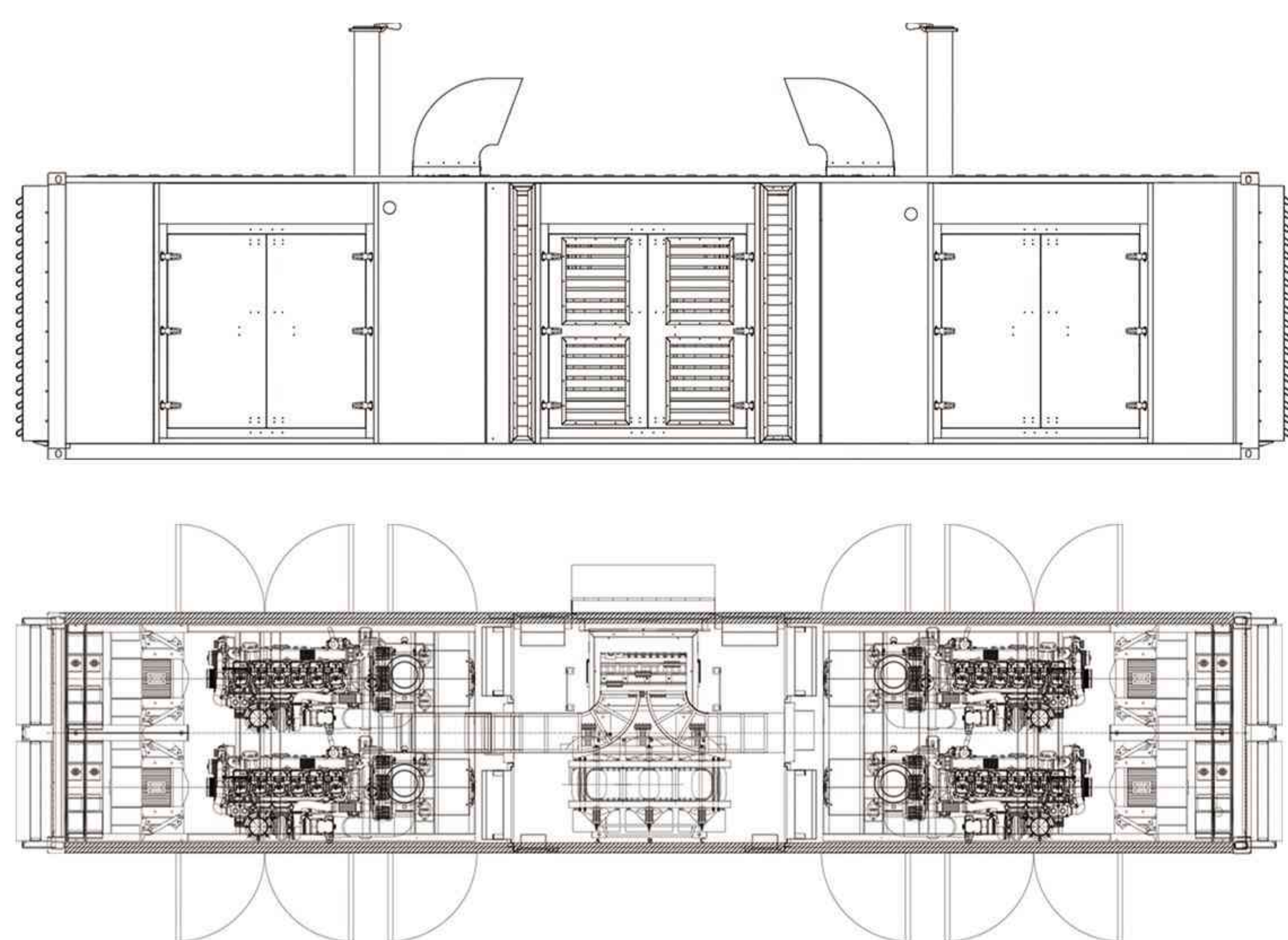
Applications



Tide Power CHP/CCHP Turnkey System

Tide Power provides comprehensive, turnkey CHP/CCHP system management — from sizing, design and installation to ongoing operation and maintenance. Our clients can realize the full benefits of CHP/CCHP simply by letting the experts at Tide Power handle all the details.

Through CHP/CCHP to maximize efficiencies and achieve unprecedented profitability —and we're there with them every step of the way. Not only does Tide Power provide the expertise to help get your CHP/CCHP system up running now, we are committed to support you as your operations grow in the future.



CUSTOMIZATION PROCESS

The service team communicates the requirements with the customer



The gas technology team provides customized solutions for customers

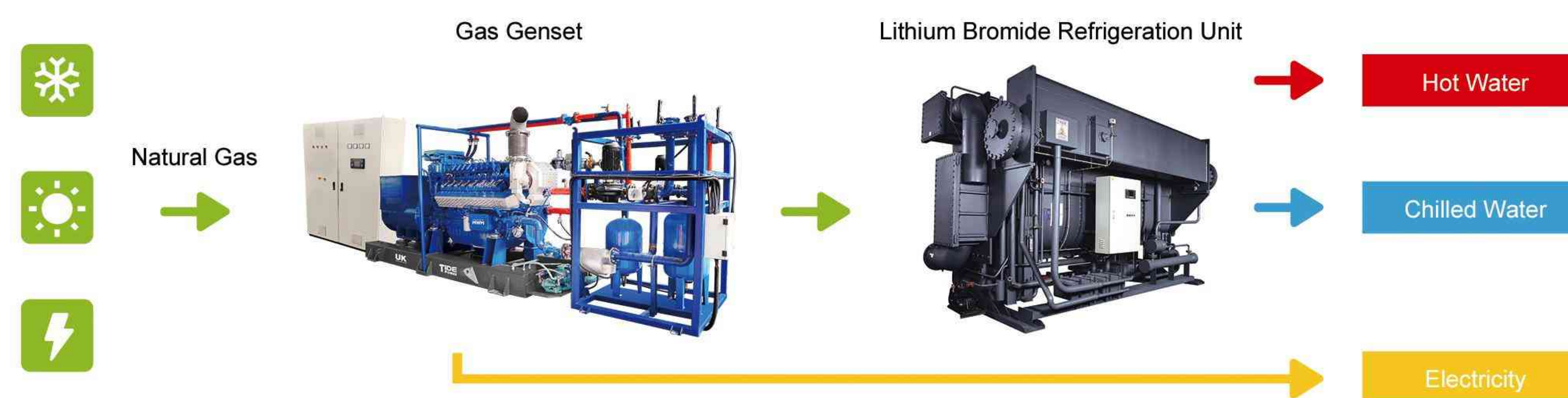


- Product Manufacturer & Technology Supplier
- Expertise in Technology Application and R&D
- Expert in Providing Customised Branding Services

Gas Power Solution

From Natural Gas to Biogas - Engineered for Energy Transition

Combined Cooling, Heating and Power (CCHP) Systems

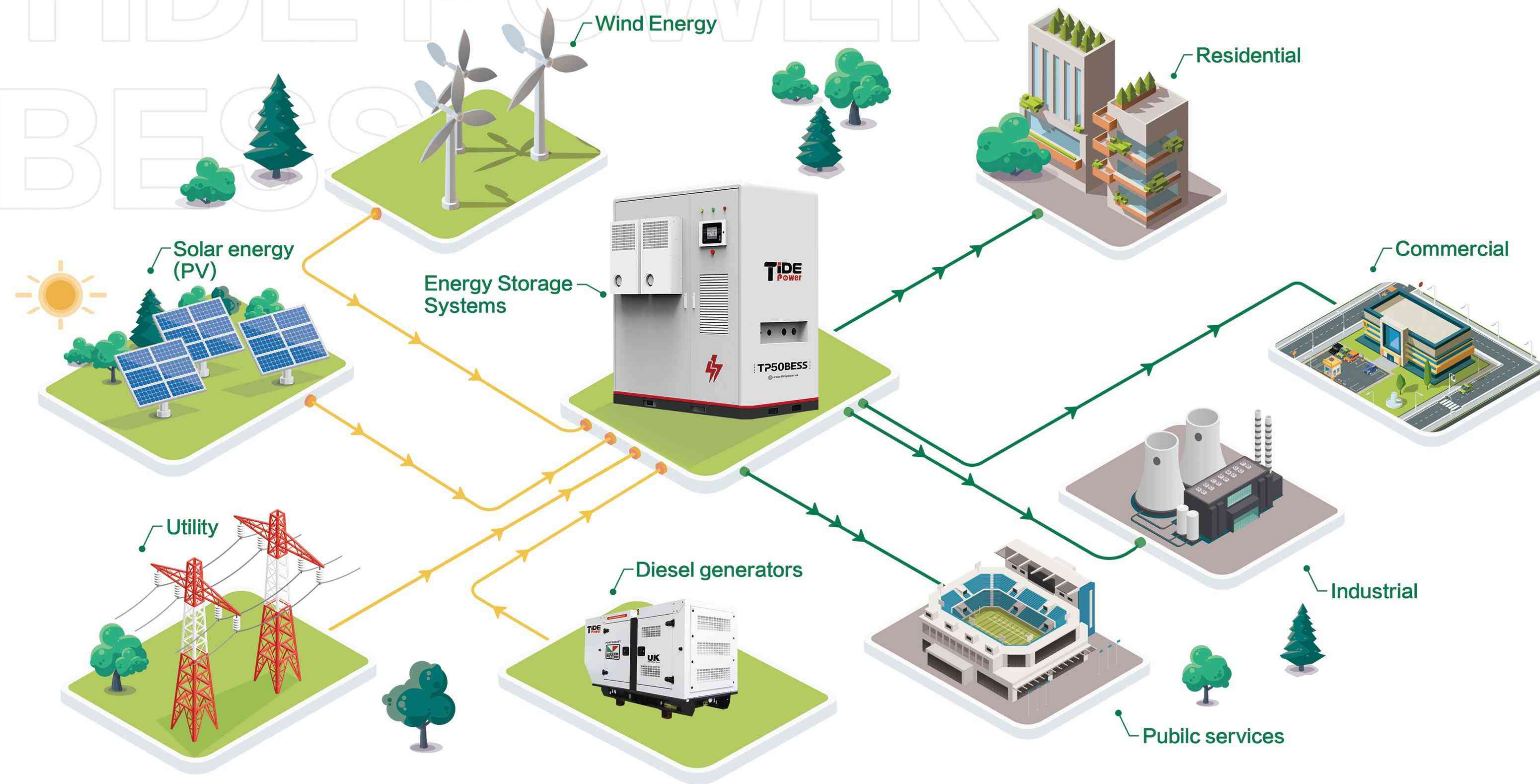


Application: Commercial Complexes, Hospitals, Airports, Hotels, Schools, Cold Storage Warehouses, Data Centers...

POWERED BY MWM	CUSTOMIZATION OPTIONS
Original engine produced in Germany	Alternator is optional(Leroy-Somer, Stamford and other brands)
ECM engine control system	Custom skid-mounted construction/modularity
	Customized HAS cabinet control module (optional controller brand & personalized choice of operator panel function)
	Water tank size, base fuel tank capacity, shell material, exhaust direction, unit color, decal nameplate, etc. can be customized

Hybrid Power Solutions

TIDE POWER
BESS



Scalable Hybrid Solutions

- Diesel-BESS** -Achieve a 70% reduction in generator runtime while ensuring backup capacity
- Solar-Diesel-BESS** -Maximise renewable integration with reliable fuel backup
- Wind-Solar-Diesel-BESS** -Multi-source microgrids for demanding environments

Our modular BESS delivers

- ✓ 40-60% lower fuel costs through intelligent peak shaving
- ✓ 99%+ operational reliability with self-optimizing algorithms
- ✓ Universal compatibility with all power generation sources

Smart Hybrid Solutions

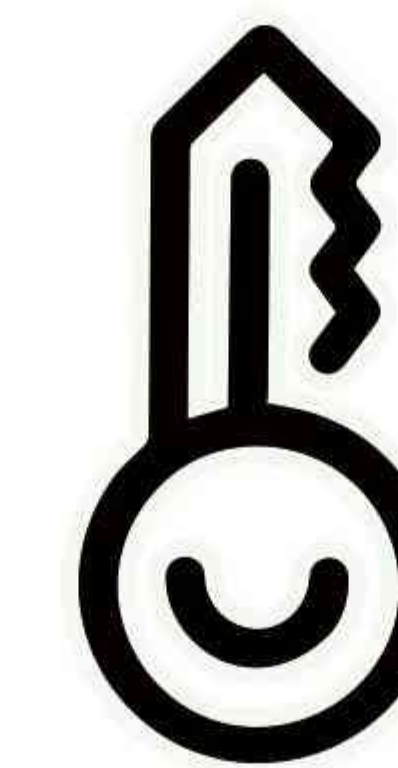
From BESS to Hybrid Microgrids

At the heart of modern energy systems lies our Battery Energy Storage System (BESS) - the intelligent foundation enabling customized energy solutions across industries.

Why Partner With Tide Power?

- **BESS-Centric Design**
All hybrids leverage our battle-tested battery platform
- **Future-Ready**
Start with solar-storage, then add generators/wind as needed
- **Turnkey Solutions**
Systems precision-engineered for your specific load and sustainability requirements

Tide Power : Turnkey Solution Provider



- Integration
- Technical Support
- **Design**
- **Investment & Finance**
- Survey
- Install



Tide Power Customized Energy Storage Solution

Tailored energy storage systems for specialized project requirements.

Mobile Solar Energy Solution

Applications: Microgrids, Renewable Integration, Remote Power

Benefits: Flexible design adapting to site constraints, full technical support, and turnkey delivery for complex energy challenges.

Hybrid Power Station

for clean and sustainable energy



Solar Power Container



Battery Energy Storage System (BESS)

All in One Series

TIDE POWER delivers a full-range portfolio of All-in-One BESS solutions, spanning from residential to utility-scale applications. Our energy storage systems (ESS), available in both air-cooled and liquid-cooled configurations, cover a power range of 50kW to 2500kW+ and capacity from 100kWh to 5000kWh+. Designed for seamless integration with solar, grid, and generator systems, they provide flexible, efficient energy storage for diverse needs worldwide.

Tide Power Commercial & Industrial ESS

Ideal for businesses, remote sites, and backup power applications

Power Range: 50kW - 200kW

Capacity Range: 100kWh - 430kWh

Benefits: Cost-effective, space-saving, and easy to deploy for essential power security and load management.

Key Models: TP50BESS, TP100BESS, TP200BESS (Air-Cooled)



TP260BESS Liquid-Cooled Energy Storage Cabinet

For applications where air cooling isn't enough. Our advanced liquid-cooled system provides maximum thermal management, enabling ultimate performance and reliability in the most demanding environments.

Tide Power Containerized ESS

The modular solution for industrial, commercial, and large-scale microgrid applications.

Power Range: 250kW - 1000kW

Capacity Range: 500kWh - 1000kWh

Benefits: Pre-assembled in standard containers for rapid deployment, scalable configuration, and optimized total cost of ownership.

Key Models: TP250BESS - TP1000BESS



Tide Power Utility-Scale ESS

Engineered for grid support, mining, and major infrastructure projects.

Power Range: 1.5MW - 5MW+

Capacity Range: 1.5MWh - 5MWh+

Benefits: Megawatt-level power output, advanced grid-forming capability, and robust performance for the most demanding applications.

Key Models: TP1500BESS - TP5000BESS

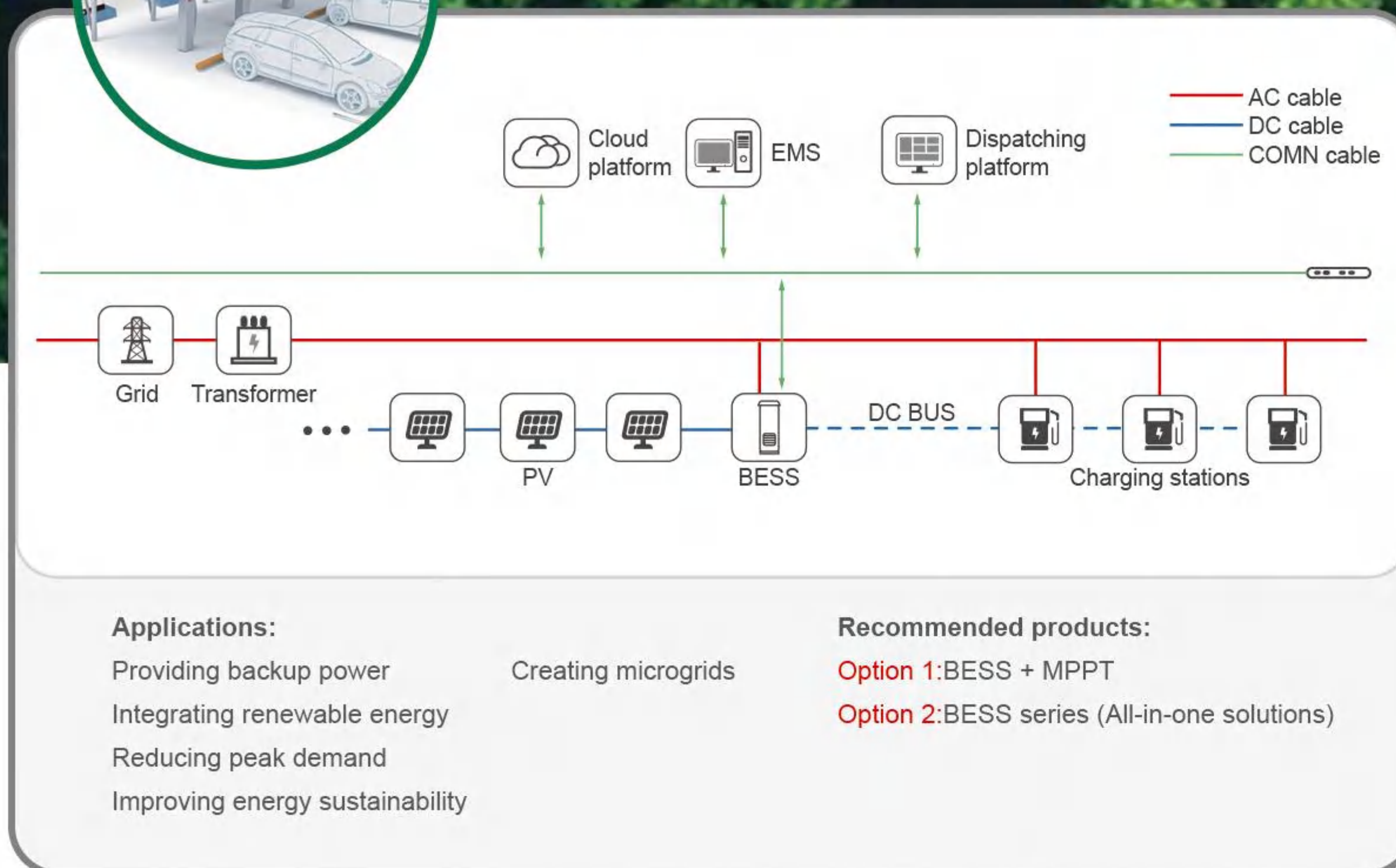


YOUR ENERGY SAVING EXPERT

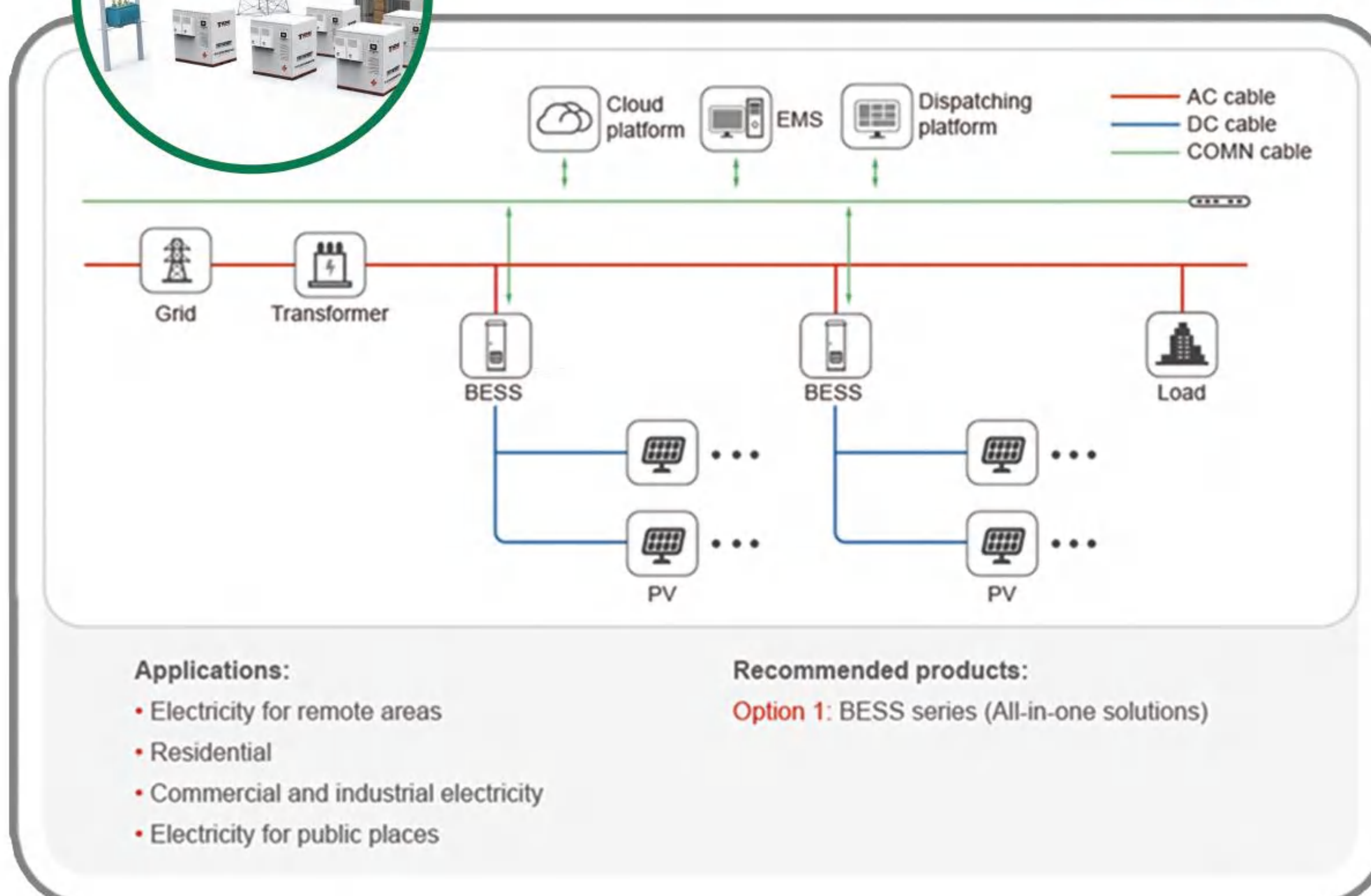
From ESS to Hybrid Microgrids



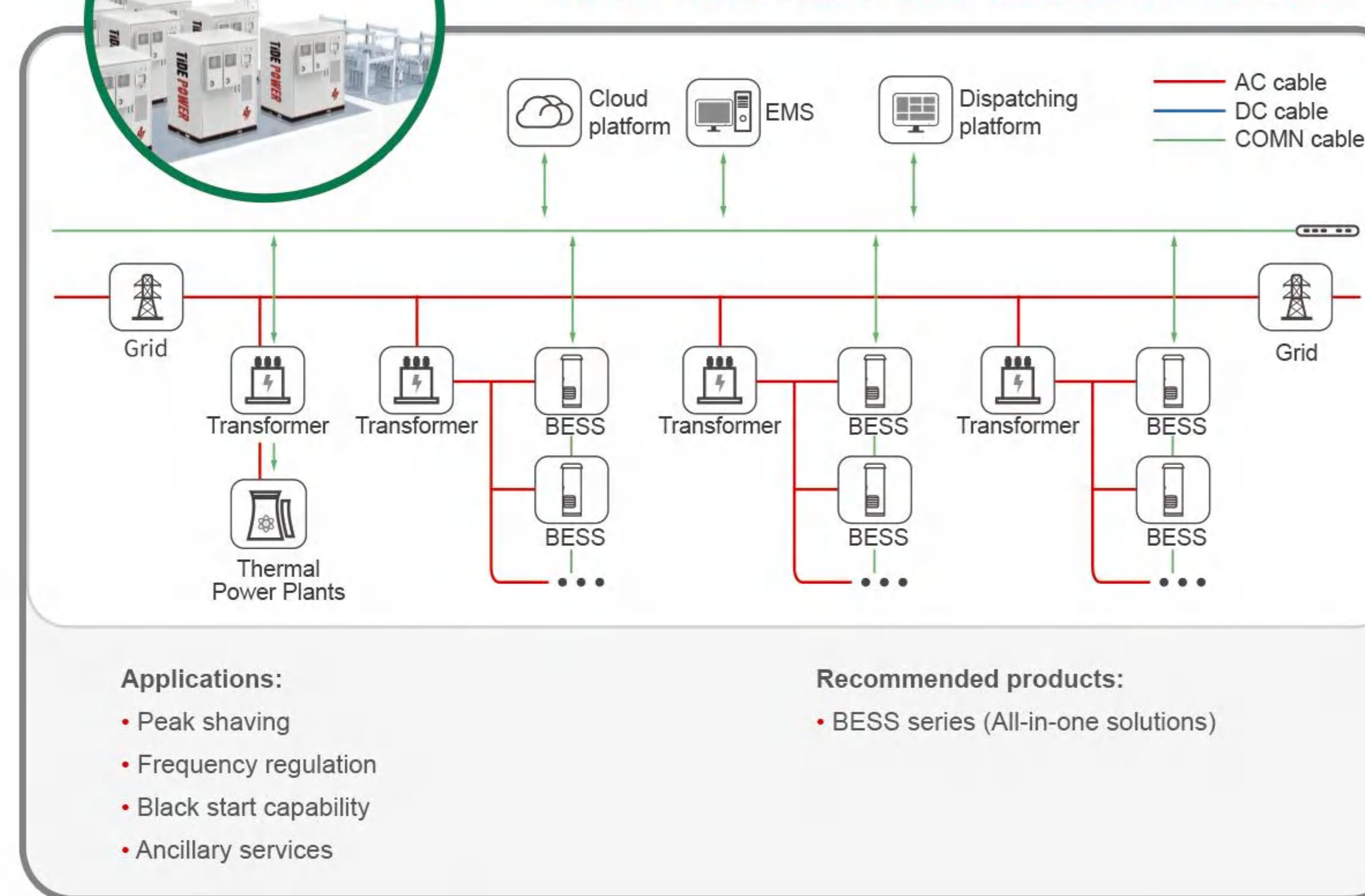
Solar Energy BESS Charging Station



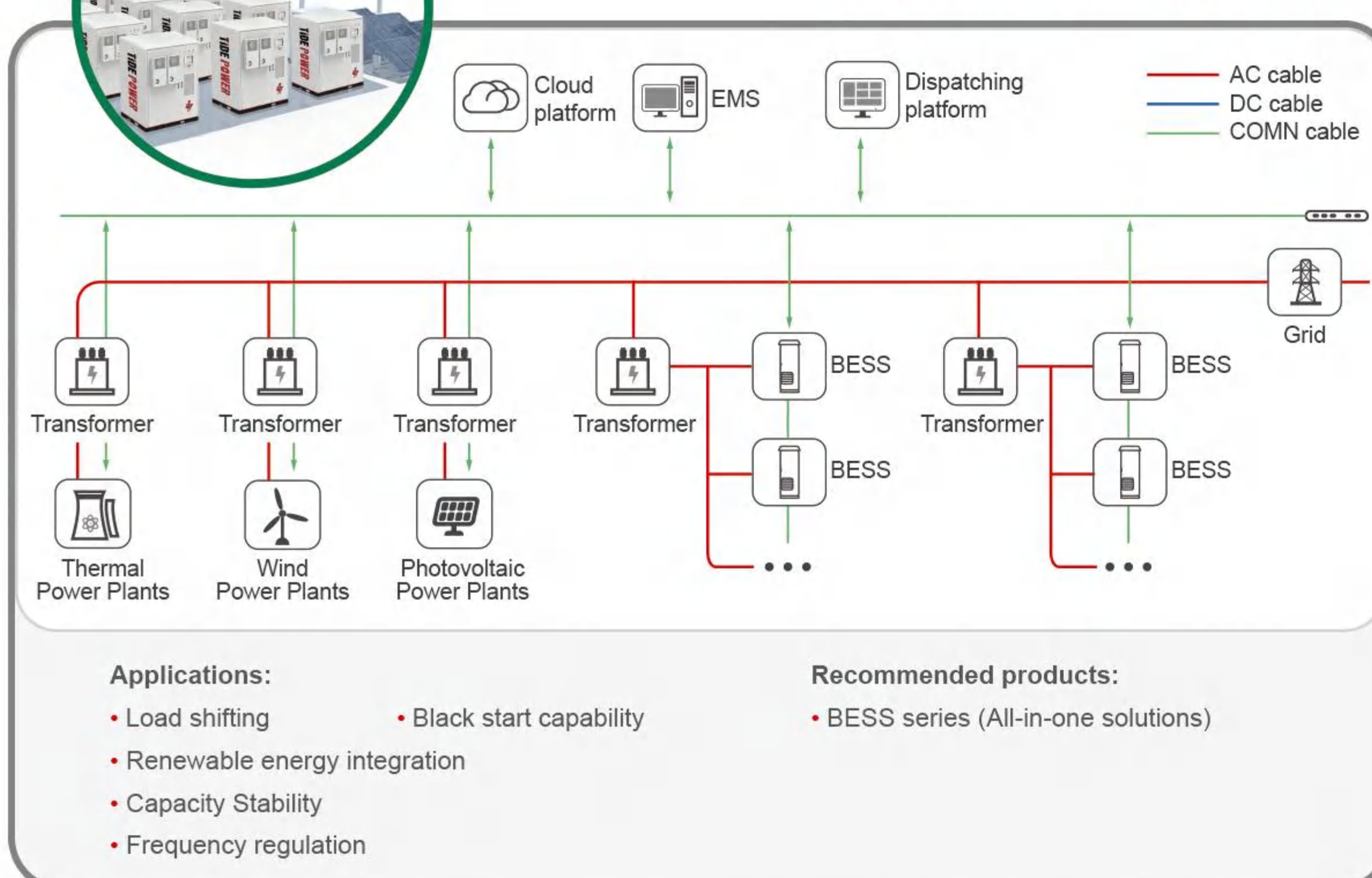
Client End



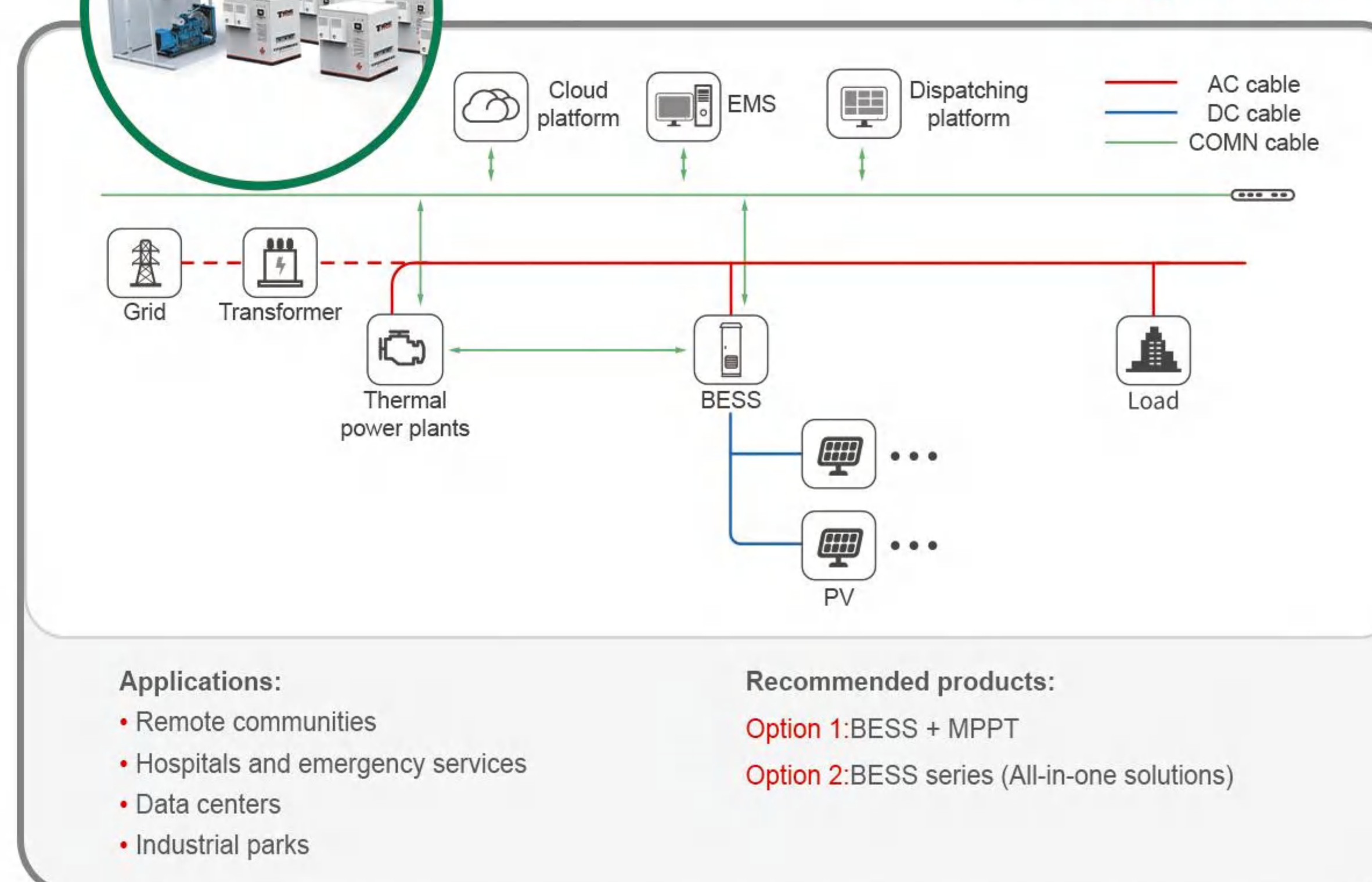
Transmission & Distribution End



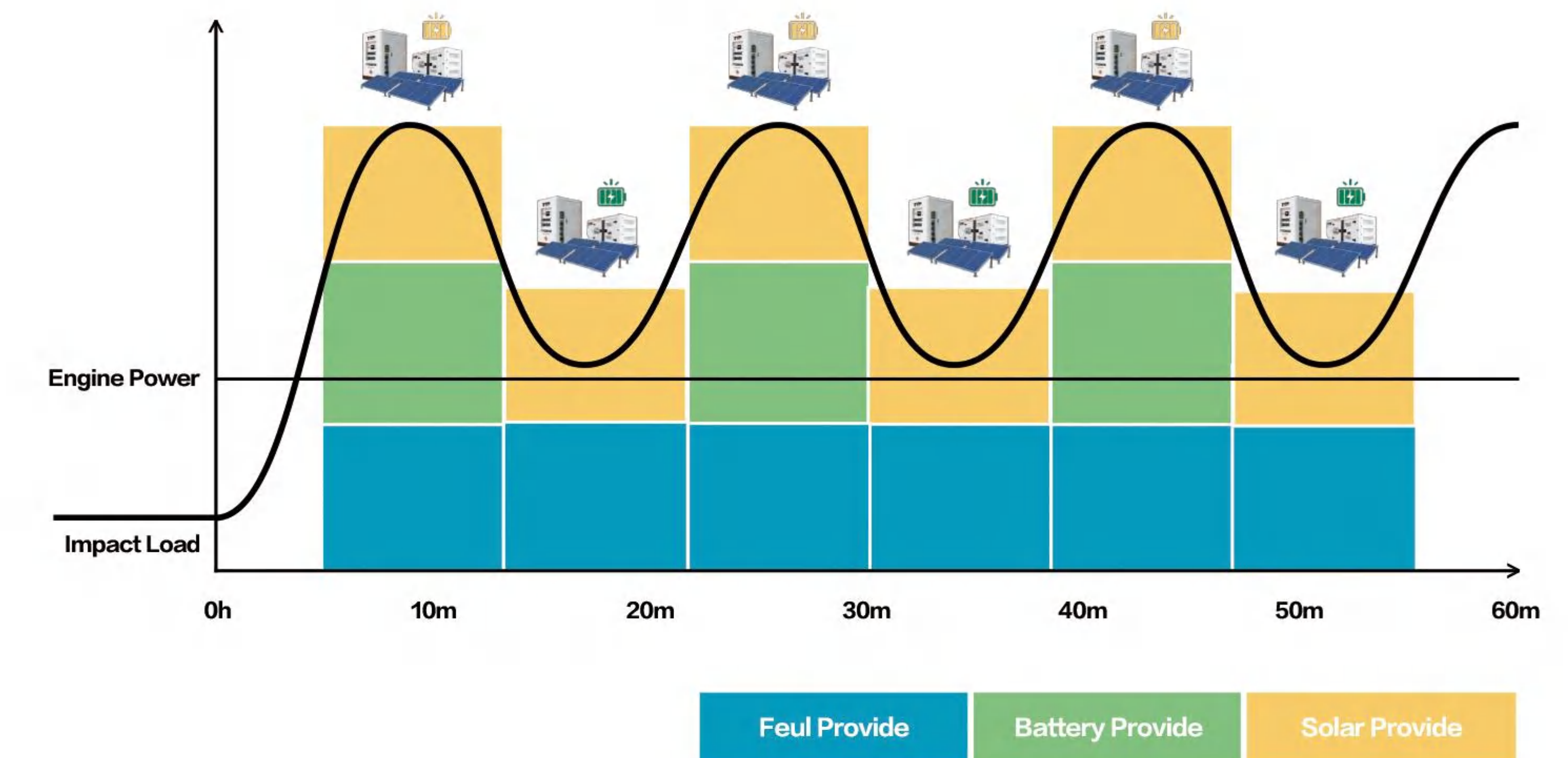
Generation-Side End



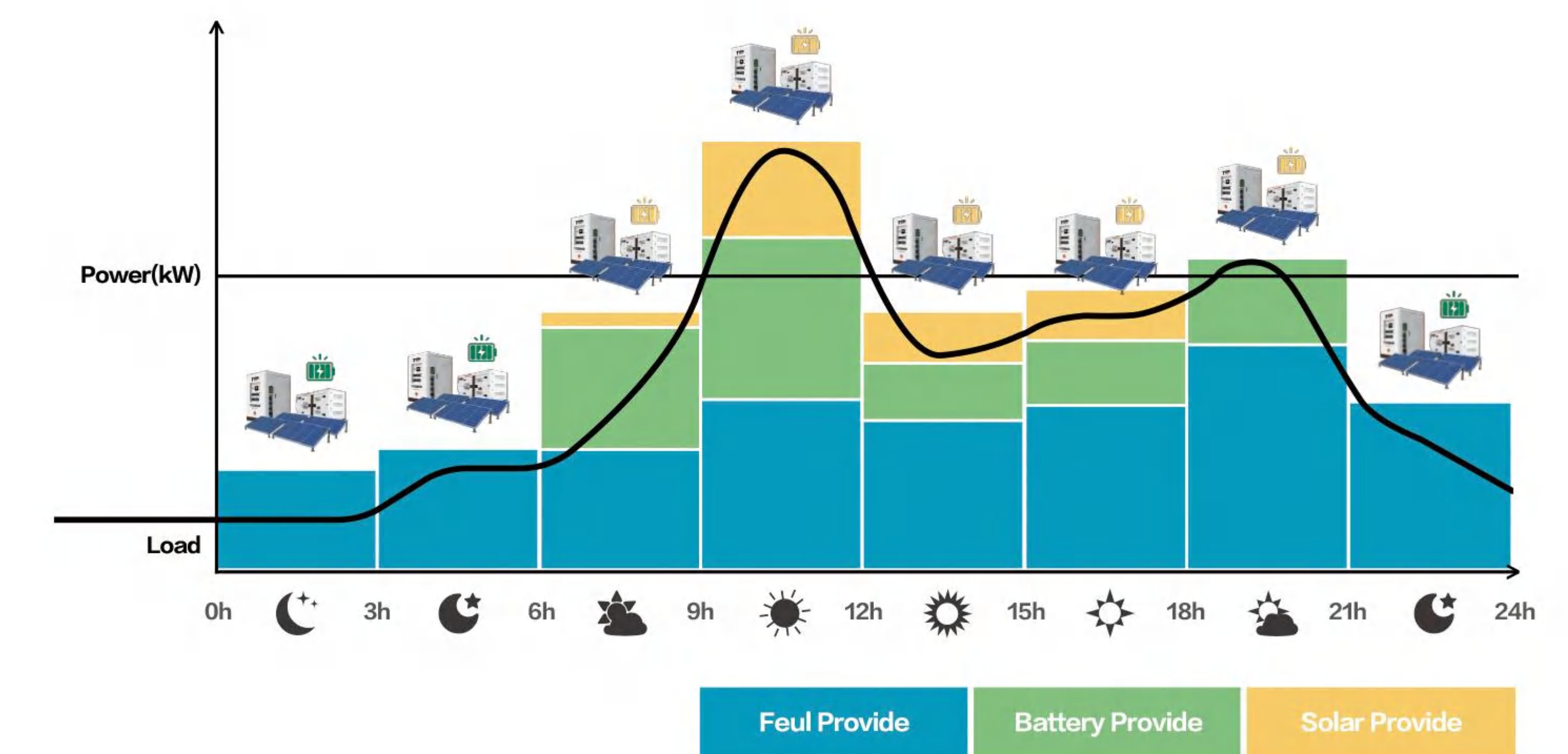
Microgrid ESS



1 Hour Impact Load Regulation

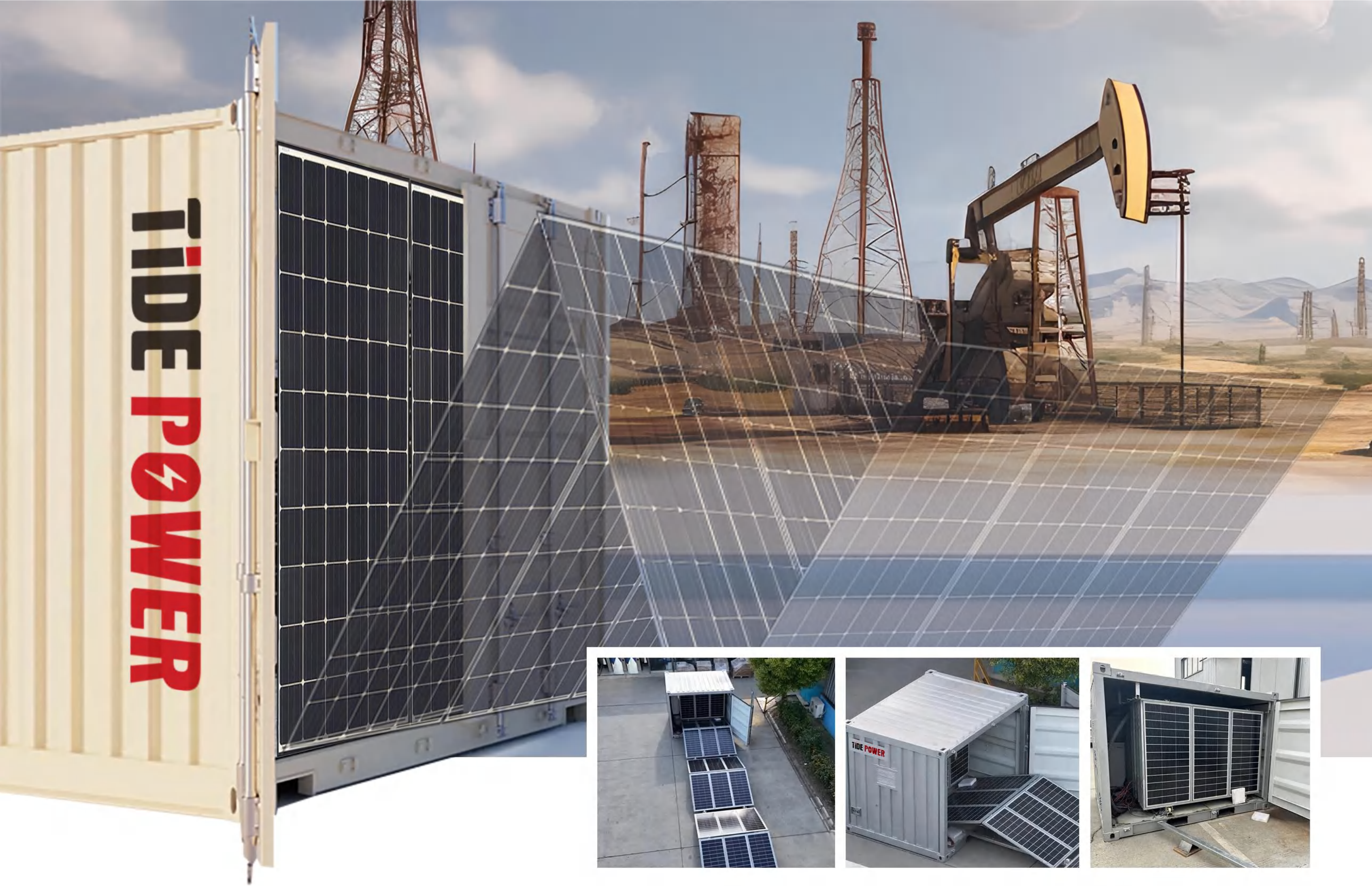


24 Hours Profile Construction Side



Features

- Reduce electricity costs
- Load shifting
- Time-of-use optimization
- Renewable energy integration
- Self-consumption
- Capacity stability
- Peak shaving
- Ancillary services
- Black start capability



Solar components

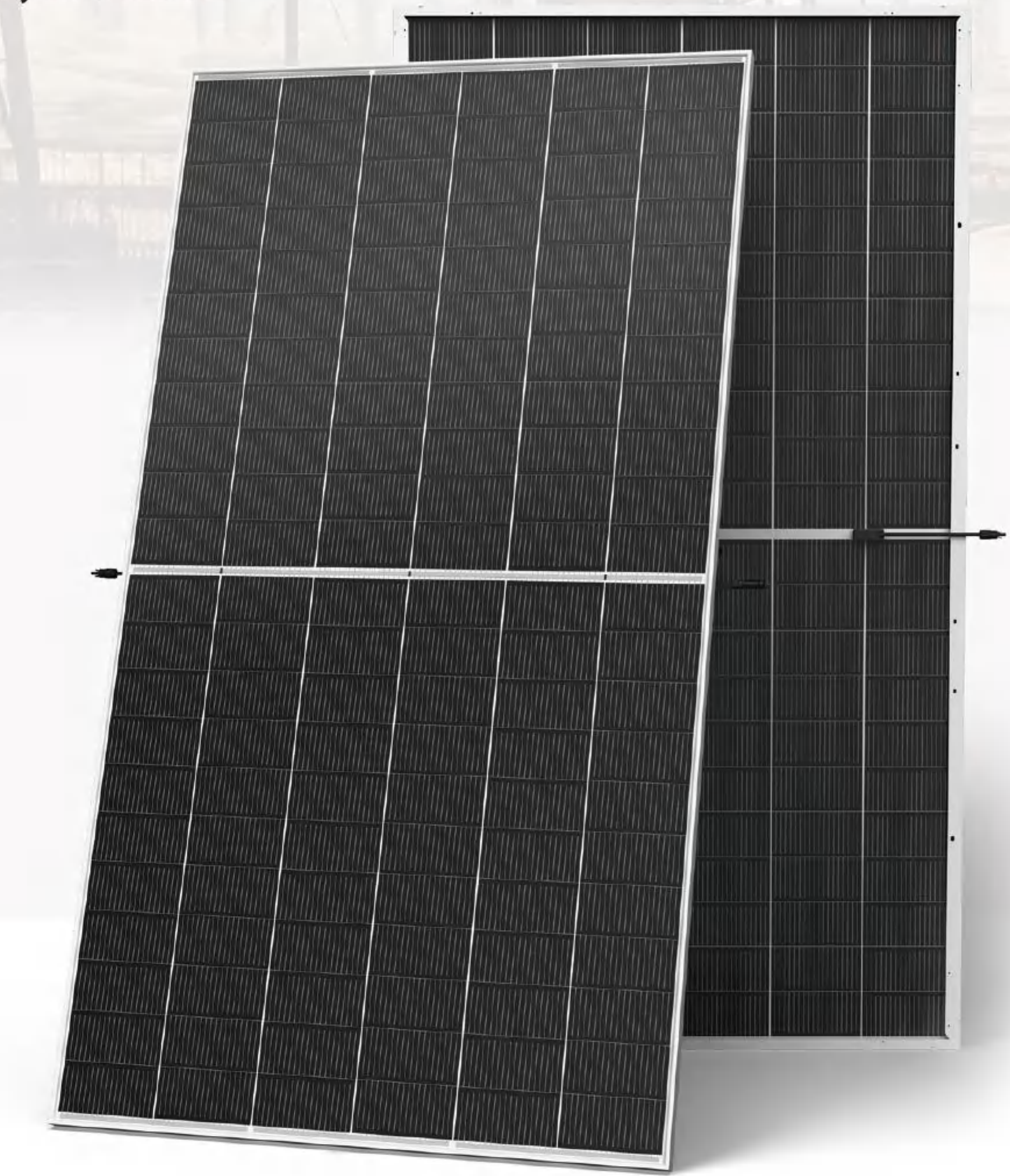
Roofs, Factories, Mountain Land, Bay Surface, Desert

Advantages

Ultra-High Efficiency
 23.2% certified power conversion efficiency
 90.3% power retention after 30 years (industry avg: ≤85%)

Robust Reliability
 12-year product warranty | 30+ year design life
 Mechanical stress-tested components for extreme weather

Global Deployment Ready
 Pre-validated for international construction projects
 Compatible with Tide Power Battery Energy Storage System



Technical Highlights

Performance Guarantee
 ≤9.7% power degradation over 30 years
 Third-party verified attenuation curves

Engineering Excellence
 Pre-installation mechanical load analysis (wind/snow)
 Customizable mounting systems for rooftops/ground/water

Certified Performance

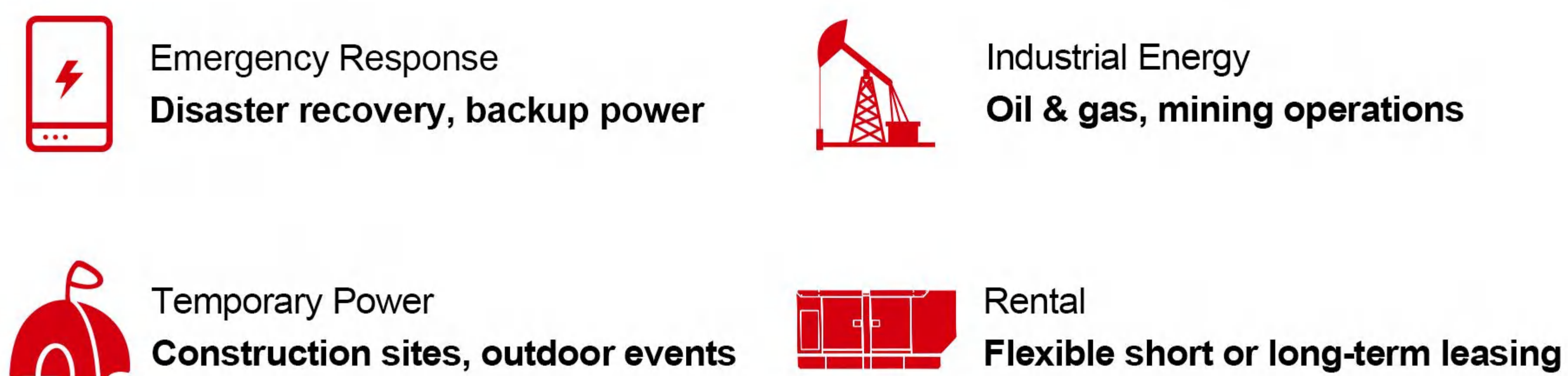


Romania Project

System Configuration:

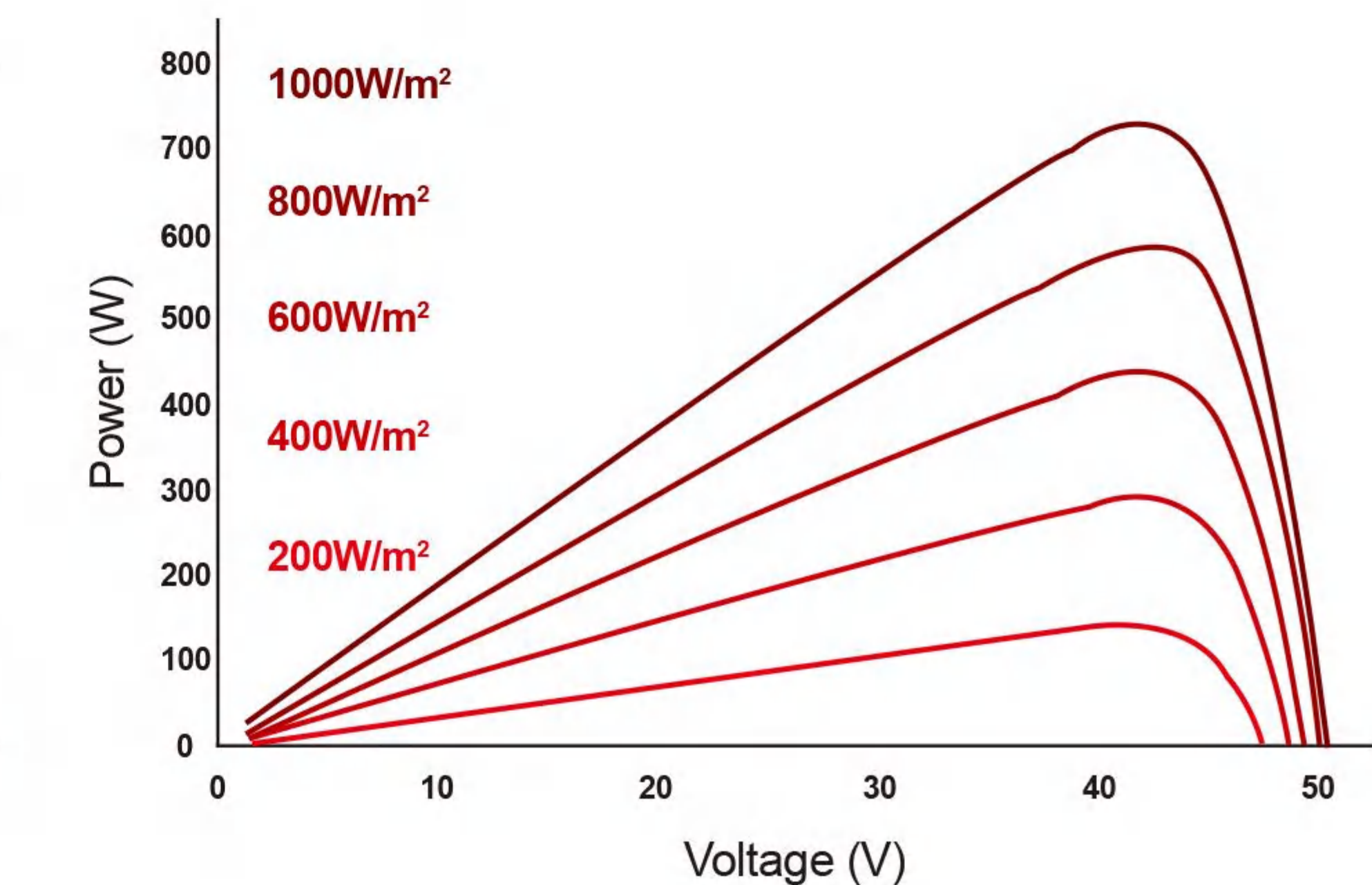
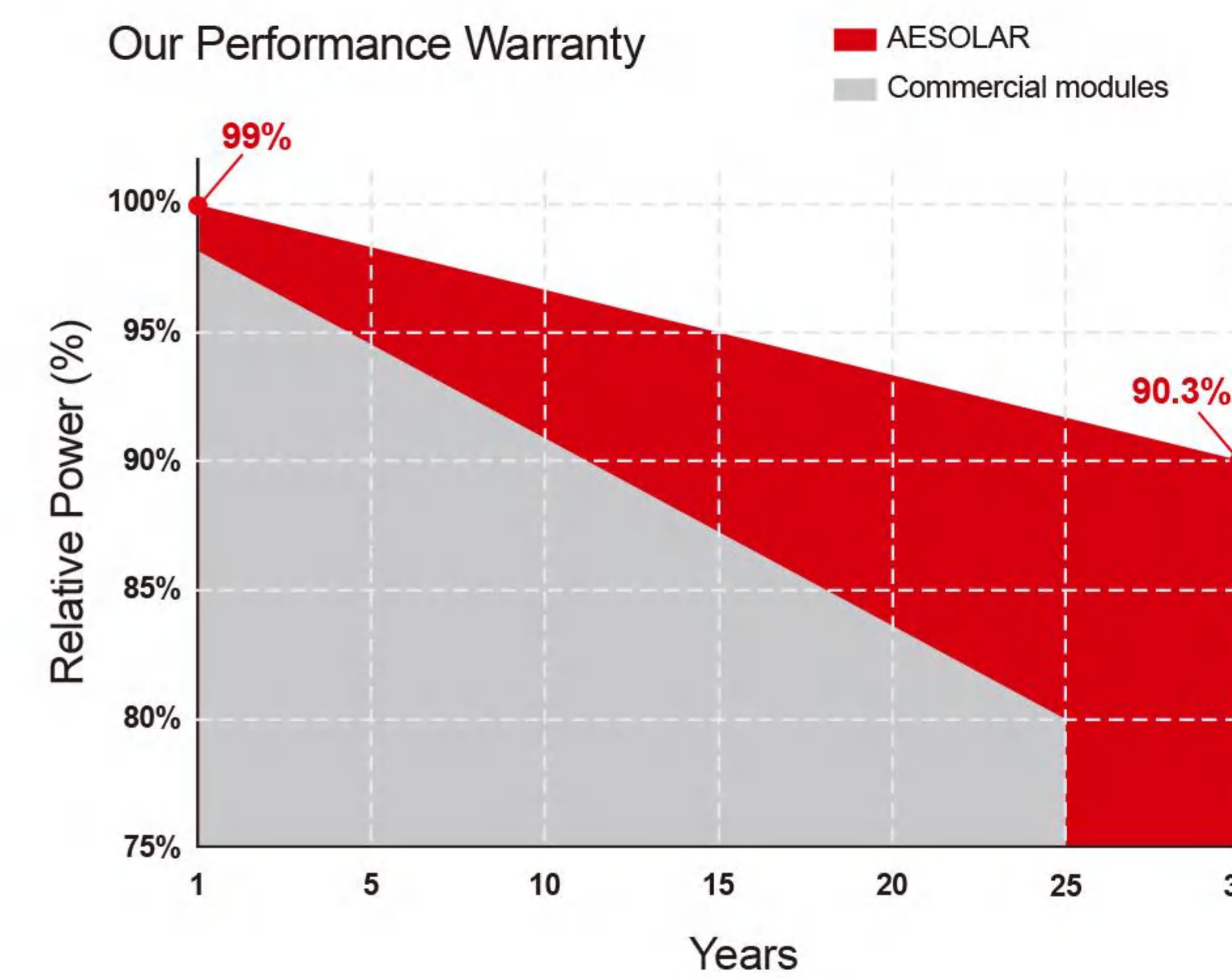


Applications



Attenuation and PV curves

Our Performance Warranty



Hybrid Power Solution

Features

- ▶ High Safety
- ▶ High Efficiency
- ▶ High Durability
- ▶ Human-based Design
- ▶ High Reliability



Hybrid Series

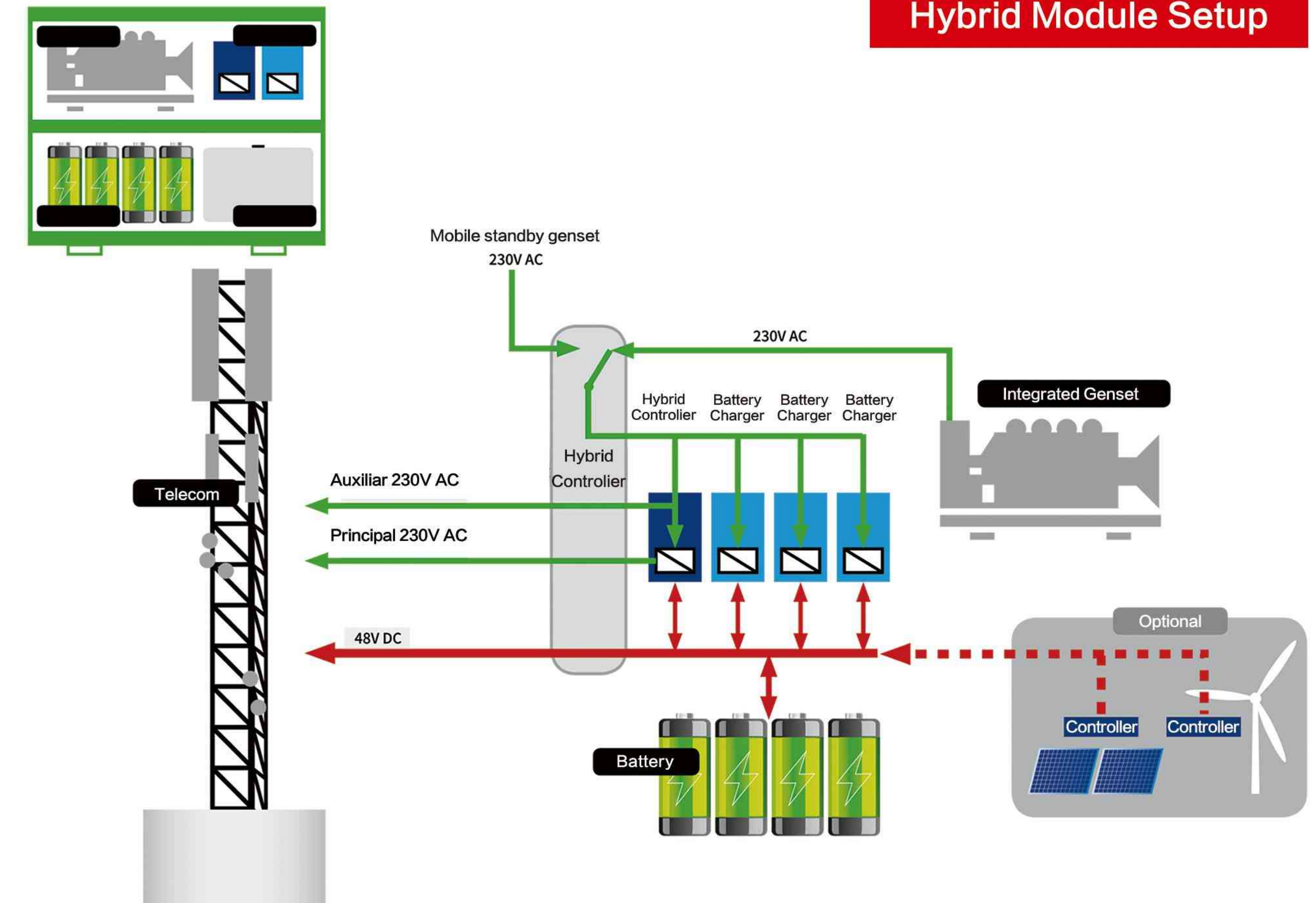
Our company combines the latest electrochemical energy storage and microgrid control technology to develop a variety of intelligent temporary power supply solutions, including:

- Uninterrupted Diesel Generator-Power Storage-Power Vehicle Solution
- Grid-Diesel Generator-Power Storage-power Supply Solution
- Diesel Generator-Power Storage-Power Supply Solution
- New Energy Microgrid Emergency Power Supply Solution
- Grid-Power Storage- Power Supply Solution
- Mobile Emergency Power Supply Solution, etc.

Company's products cover power generation, power transmission, power distribution, power storage and energy storage management, etc.

Reducing the running time of the diesel set, extending the maintenance period, lower fuel consumption, high efficiency in energy saving, safe and reliable.

Hybrid Module Setup



Dewatering Pump Solution

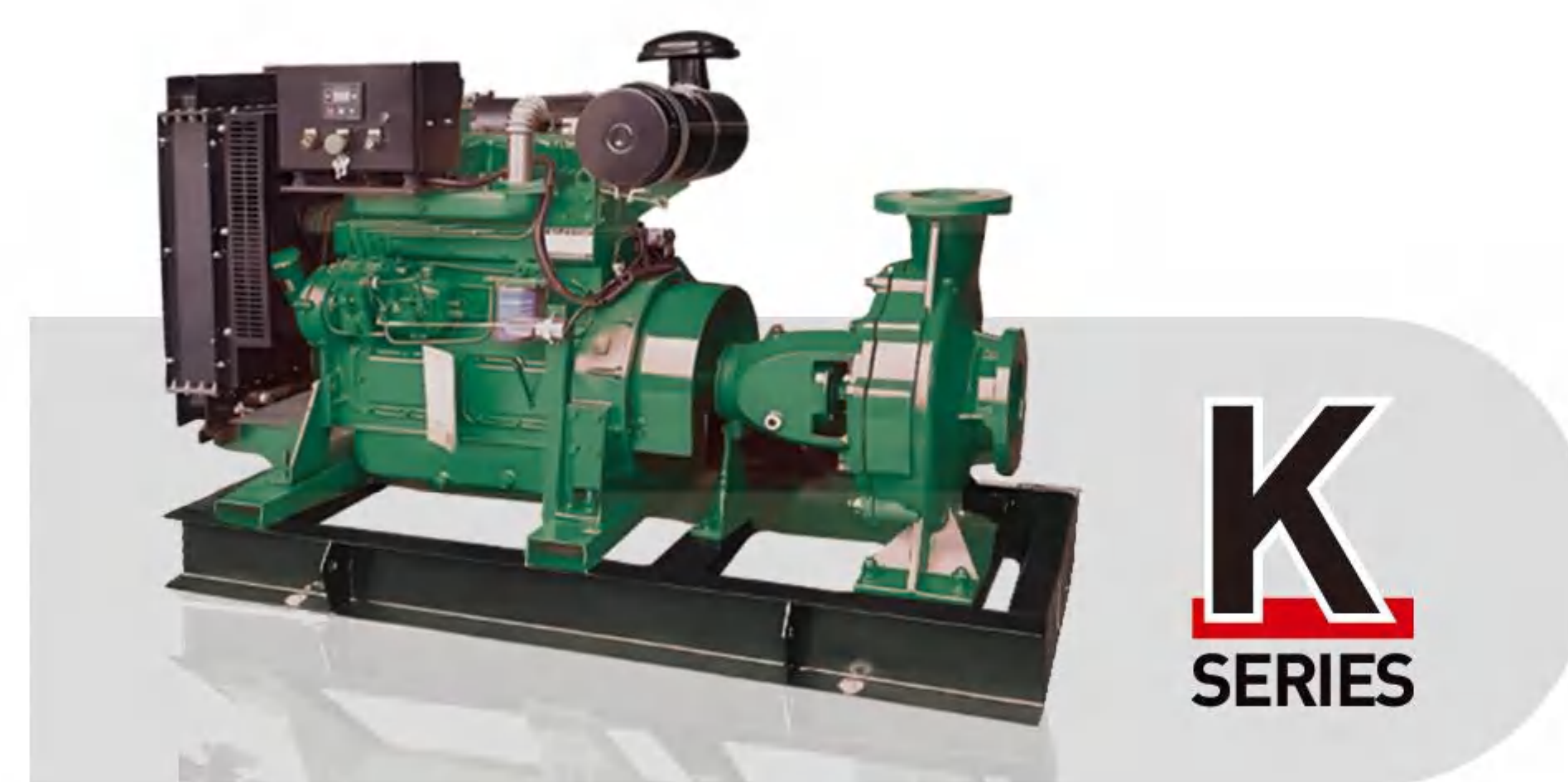
Quality pumps for process, chemical, mining and more.



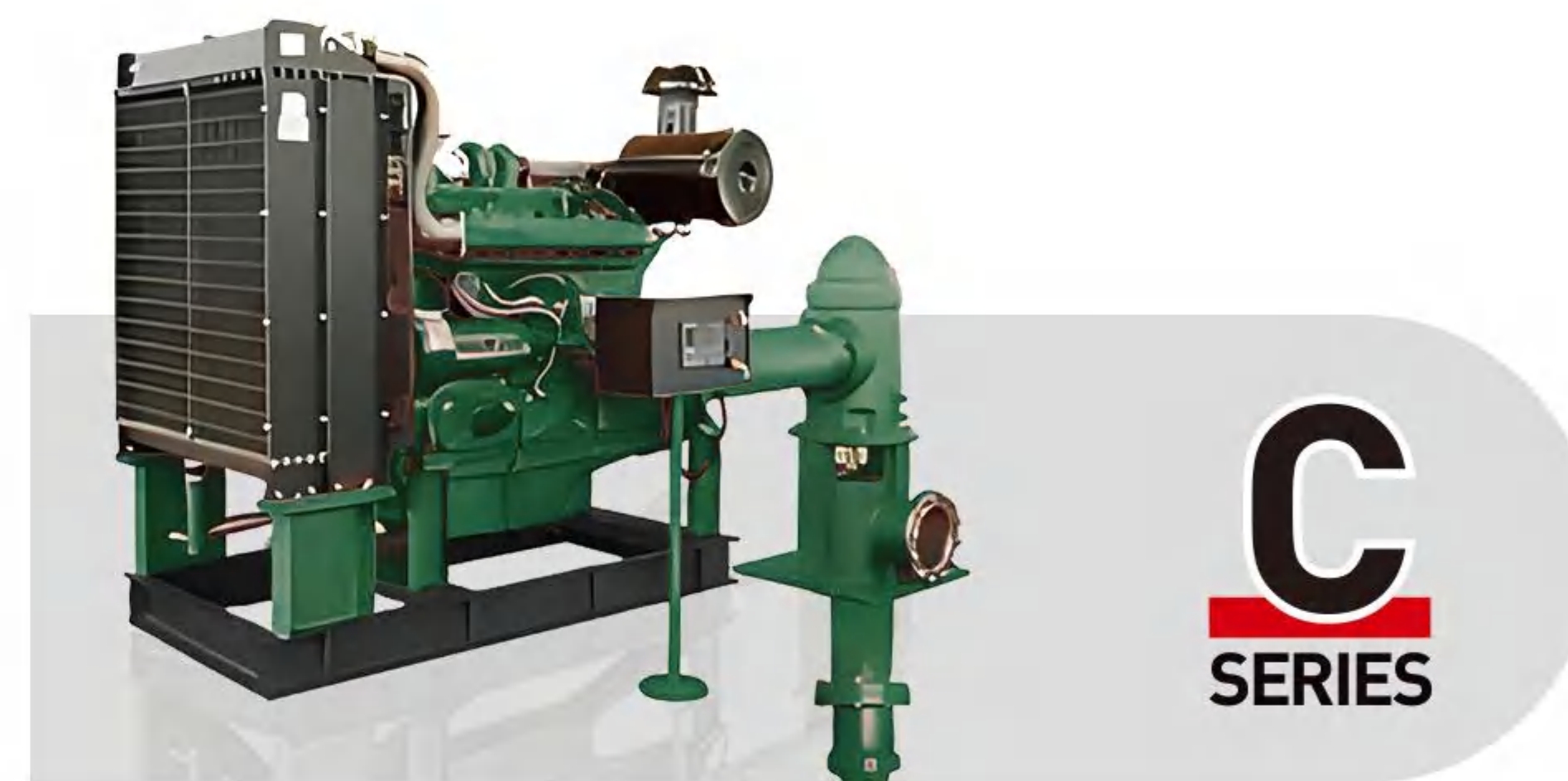
Self-priming Sewage Pump Unit



Multi-stage Pump Unit



End Suction Pump Unit



Deep Well Pump Unit



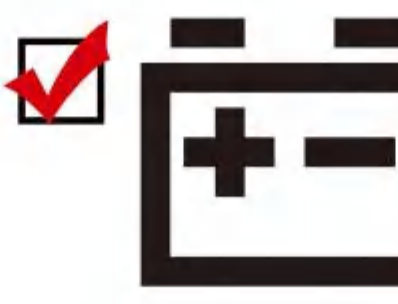

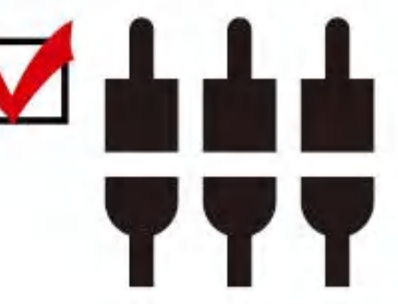


Double-suction Split Casing Pump Unit



Dry Suction Pump

Configuration

- 
Emergency Button
- 
Power Switch
- 
Battery
- 
Fuel Tank
- 
Inlet/Outlet Connector

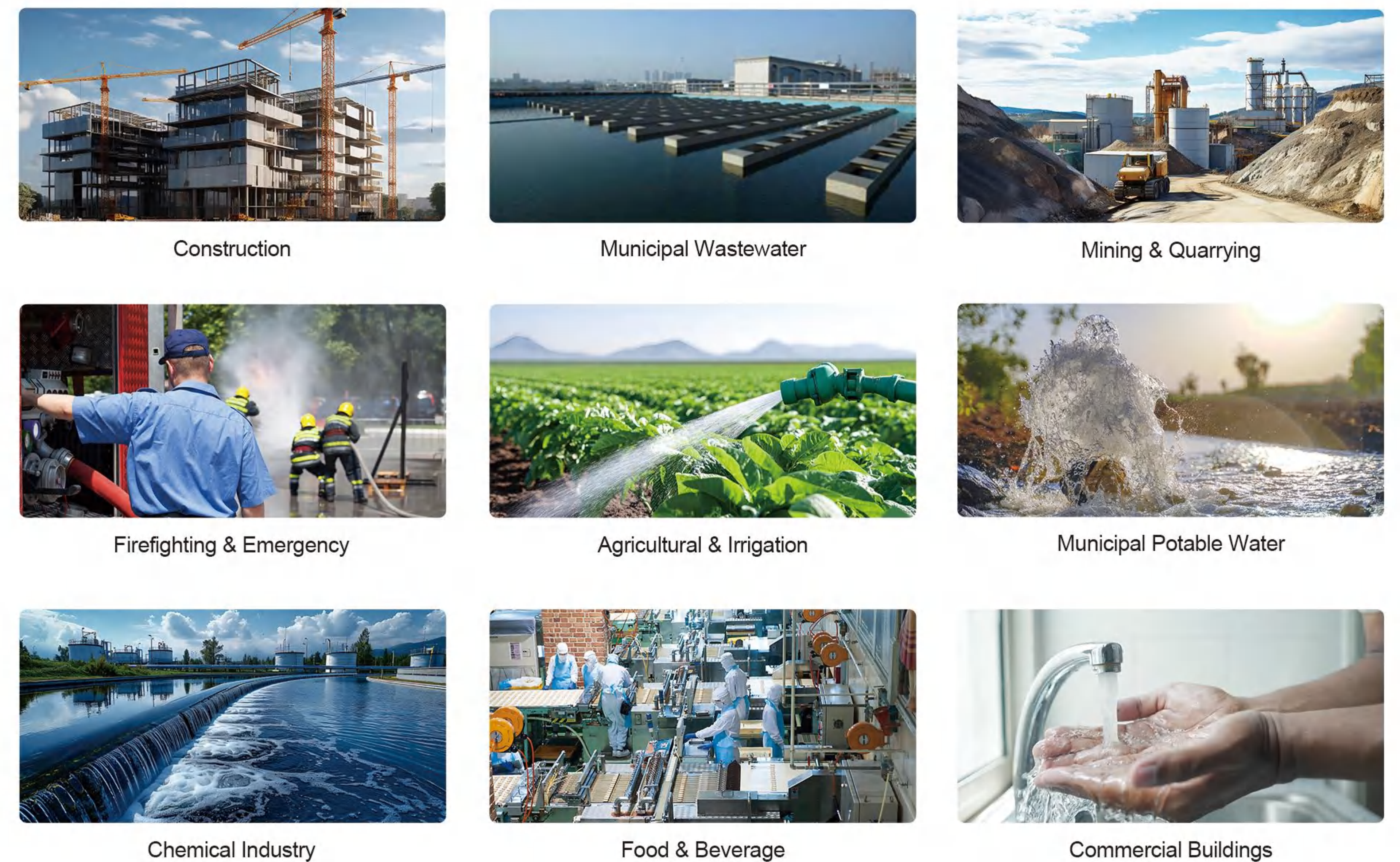
Unit structure

- Open Trailer
- Open Skid Base
- Trailer with Canopy
- Skid Base with Canopy

Engine Brand



Application





MINI EXCAVATORS – COMPACT POWER REDEFINED

Where larger machines can't reach, we can reach.

Mini Excavators–TD Series

Features

- Zero Tail Swing Technology - 1.5m operational radius (industry-leading for wall/utility proximity)
- Smart Undercarriage System - 980mm adjustable track width (TD301 model) enhances stability by 40%
- Intelligent Travel Control - Dual-range 0-2.1 m/min speeds (auto-terrain adaptation)
- Global Component Strategy - Powered by Perkins/Yanmar engines with Husco (USA) hydraulics & Nachi (Japan) pumps

Applications

- ✓ Urban infrastructure
- ✓ Facility maintenance
- ✓ Precision landscaping
- ✓ Agricultural drainage



TIDE POWER SKID STEER LOADER

Maximum Efficiency in Minimal Spaces

TPW50-TPT120 series | 300-1500kg capacity

Available in wheeled/tracked configurations

Performance Highlights

- Heavy-duty welded structure with reinforced lifting arms
- FOPS Level II certified operator station with pilot controls
- High-efficiency imported hydraulic system (pumps & valves)
- Optional Euro 5 engines with smart connectivity (GPS/remote monitoring)

Ideal For

- Construction
- Municipal works
- Agriculture
- Road maintenance
- Snow removal
- Industrial use



Application



Road Maintenance



Building Site



Logging Yards



Snow Sweeping



Industrial Applications



Farm

Aftermarket Service

Genuine Parts & Certified



Engineered for Critical Power Continuity

With over 20 years of expertise in the power generation industry and a team of professional engineers, Tide Power maintains strategic partnerships with certified suppliers. We guarantee the provision of either OEM-genuine spare parts or Tide Power® certified alternative components to ensure the reliable and uninterrupted operation of your generator sets.

- ✓ **Filter System** Air | Oil | Fuel Filters
- ✓ **Fuel System** Injectors | Pumps | Nozzles
- ✓ **Engine Block** Cylinder kits | Pistons | Gaskets
- ✓ **Electrical** Alternators | ECUs | Sensors
- ✓ **Maintenance Kits**
- ✓ **Complete Service Packages**

Quality Assurance

- Factory-certified components matching original specifications
- Rigorous pre-shipment testing protocols
- Available with optional wooden crate packaging



Partner Brands



Global Support Network

- 6 regional warehouses (UK/China/Saudi Arabia/Nigeria/Colombia/Australia)
- Technical support covering 80+ countries
- Multiple shipping options (sea/air/express)



Smart Maintenance Solutions

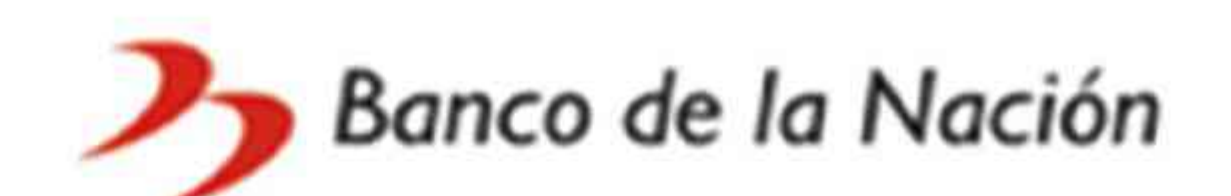
- ▲ Euro V compliant options available
- ▲ Remote monitoring compatible components
- ▲ Comprehensive service kits for scheduled maintenance



Independent Power Plant



- Our Partner -



Diesel Genset

Gas Genset

Hybrid Genset

General Machinery

Aftermarket Services

IPPs

Diesel Project



Ethiopia, NE Africa

Genset: 93 x 20kVA

Engine: Lister Petter

Application: Bank



Saudi Arabia

Genset: 160units

Engine: DOOSAN

Application: Rental



Middle East

Genset: 150units / Lighting Tower

Engine: Lister Petter

Application: Rental



Indonesia

Genset: 4 x 1200kVA

Engine: Perkins

Application: Hotel Standby Power

Diesel Project



Bangladesh

Genset: 24 x 1000kVA

Engine: MTU

Application: Power Plant Project



Myanmar

Genset: 3 x 2000kVA

Engine: Mitsubishi

Application: Standby Power for Port Project



Europe

Genset: High-Pressure / Parallel / 4 x 1200kW

Engine: SME / Cummins

Application: Wood Processing Plant



Indonesia

Genset: 16x KC2000

Engine: MTU

Application: Power Plant Project

Diesel Project



Middle East

Genset: 2 x 1250 kVA

Engine: Cummins

Application: Compressor Standby

GAS Projects

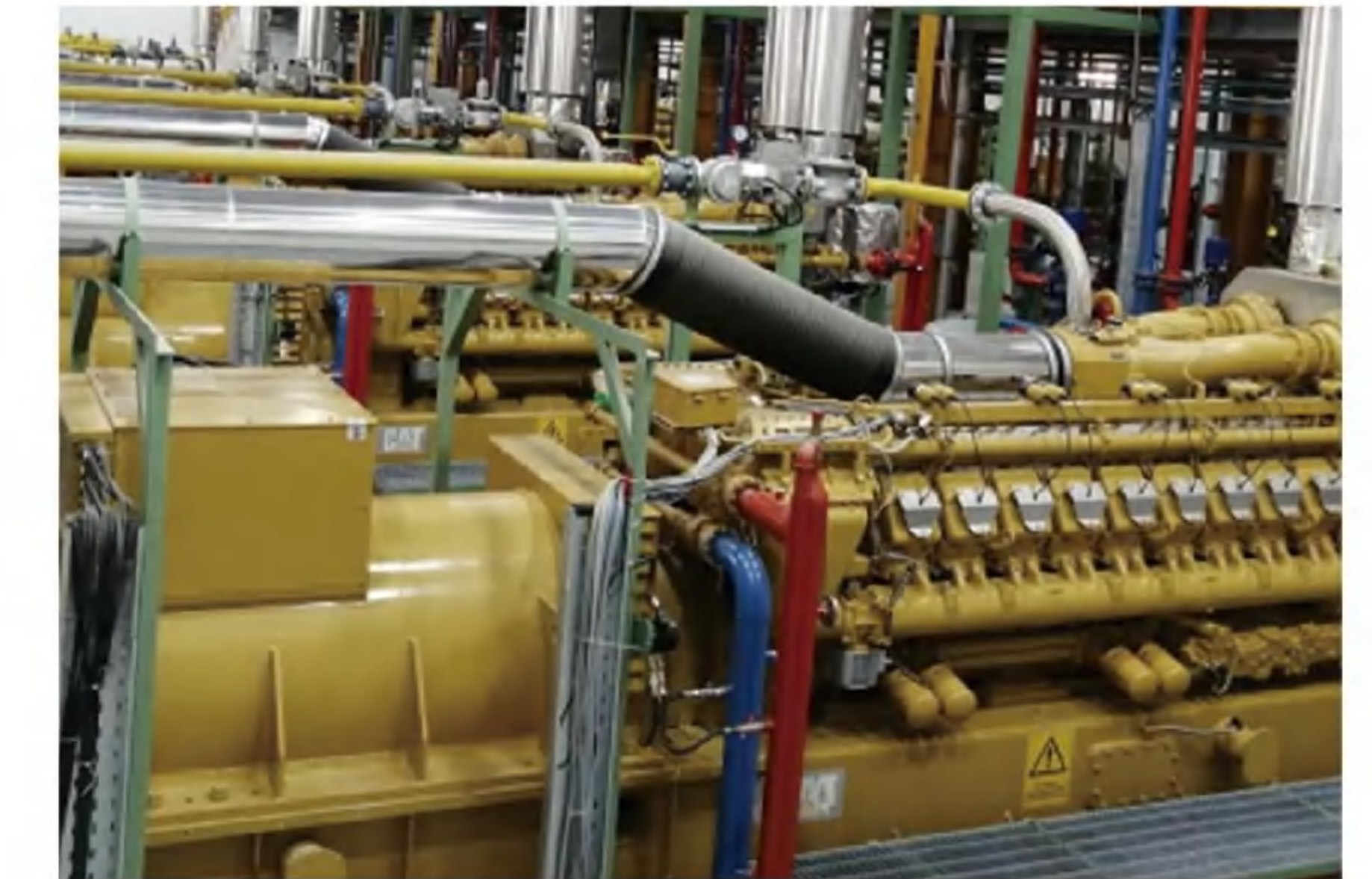


Vietnam

Genset: 8 x 180kW / Biogas

Engine: Tide Power

Application: Animal Breeding



Middle East

Genset: 13 x 2MW / Natural Gas

Engine: Caterpillar

Application: Power Station

GAS Projects



China

Genset: 2 x 1500kW / Biogas

Engine: MWM

Application: Food Waste Recycling



Nigeria

Genset: 18 x MWM / Natural Gas

Engine: MWM

Application: Power Plant

Dewatering Pump Projects



Middle East

Flow / Lift: 120m³/h x 30m

Engine: BEINEI

Application: Agricultural & Irrigation



Indonesia

Flow / Lift: 400m³/h x 30m

Engine: Lister Petter

Application: Municipal Wastewater

Professional Energy Solution Provider

6kVA-5625kVA

