



COMPANY PROFILE

Powering Projects With Excellence.



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“POWERING CRITICAL OPERATIONS
ANYWHERE, ANYTIME.”



COMPANY OVERVIEW

ABOUT GLOW POWER RENTAL

At Glow Power Rental, we are more than just a rental service, we are your partners in powering success. Established in 2020 in the UAE, we were founded to meet the growing demand for dependable power and equipment solutions, with a vision to deliver exceptional service that goes beyond customer expectations.

Starting with a modest 30 kVA capacity, we have grown exponentially and now supply single units of up to 1,250kVA, with even greater capacities achieved through synchronized power systems. As the market evolved, we expanded our offerings to include tower lighting, advanced cooling systems, power distribution units, and power cable management, supported by a team of knowledgeable engineers and electricians.

CORE SERVICES AND INDUSTRIES

Glow Power Rental specializes in delivering tailored power solutions across a wide range of sectors, including, Events, Hotels & Venues, Film Production, Data Centers, Construction, Oil & Gas, Emergency response, and critical infrastructure projects. Whether your requirement is an outdoor festival, a product launch, a wedding, a sporting event, a pop-up market, or an ongoing construction site, we help you determine practical power needs and recommend the ideal equipment, ensuring uninterrupted performance wherever and whenever you need it.

POWERING A SUSTAINABLE FUTURE

Recently, we introduced EcoEdge™, our sustainability-driven initiative designed to reduce emissions and fuel consumption through biofuel-ready, solar, and hybrid power solutions. This marks a new era for Glow Power Rental, aligning performance with responsibility and supporting the UAE's Net Zero 2050 vision.

Today, Glow Power Rental proudly serves as a trusted one-stop partner for all rental power, lighting, and cooling needs across the UAE.



INTRODUCING ECOEDGE™

SMART POWER. CLEANER SITES. REAL IMPACT

EcoEdge™ combines the agility of rental with a commitment to sustainable impact.

Our Vision

To lead the region's shift to sustainable power without compromising performance, flexibility, or availability.

What is EcoEdge™

EcoEdge™ is a strategic sustainability initiative launched by Glow Power to introduce a new generation of eco-friendly rental assets that reduce emissions, fuel consumption, and environmental impact.

Through smart integration of technologies like battery storage, solar lighting, and hybrid power systems, EcoEdge™ aims to support the UAE's national sustainability goals and align with the government's vision for a cleaner, greener future.

This initiative reflects Glow Power's commitment to responsible energy practices and driving meaningful change across the temporary power and equipment rental industry.

What EcoEdge™ Delivers

Eco-Rental Fleet

- Solar tower lights
- Battery energy storage
- Biofuel-ready generators
- Off-grid cabins

Smart Systems

- Fleet monitoring
- AI-powered logistics
- Hybrid vehicle transition

Real Impact

- Up to 30% CO₂ reduction
- Zero-noise sites
- Fuel savings from day one



Ready. Scalable. Low-Carbon.
Built for performance, designed for the planet.



POWER GENERATION

- HEAVY DIESEL GENERATORS
- INDUSTRIAL DIESEL GENERATORS



DIESEL GENERATOR

Our power generators are the backbone of any operation requiring reliable energy. Built to perform under the most extreme conditions, they are available in multiple capacities to deliver steady, uninterrupted power and keep your activities running efficiently.

IMAGE	POWER	VOLTAGE & PHASE	NOISE LEVEL	FUEL TYPE
	30 - 125 kVA Standby: 33 - 135 kVA	400V 3 Phase	58 - 65 dB	Diesel, Bio Diesel
	150 - 450 kVA Standby: 165 - 500 kVA	400V 3 Phase	65 - 68 dB	Diesel, Bio Diesel
	500 - 1250 kVA Standby: 550 - 1375 kVA	400V 3 Phase	70 - 74 dB	Diesel



BIO-FUEL READY GENERATORS

Our bio-fuel ready generators reduce carbon footprint by up to 90%. Clean power solutions that protect the environment without compromising performance.

ENVIRONMENTAL & ECONOMIC BENEFITS

Up to 90% less CO₂ emissions

Fuel made from renewable sources

85% less particulate matter

Significantly cleaner air quality

EQUIPMENT FEATURES

Full Power Range
From 20KVA to 250KVA

No Modifications
Runs on bio-fuel or regular diesel

ESG Certified
Meet sustainability requirements

Same Performance
Zero compromise on power output

TECHNICAL SPECIFICATIONS

Small 30KVA - 60KVA

Large 125KVA - 150KVA - 200KVA

IDEAL APPLICATIONS

Major Events

Hotels & Venues

Construction Sites

Festivals



Bio-Fuel vs Traditional Diesel

HVO (Hydrotreated Oil)

-90%

CO₂ emissions
Made from waste oils

B100 Biodiesel

-75%

CO₂ emissions
From vegetable oils

ULSD

-30%

Particulates
Ultra-low sulfur

HYBRID POWER SOLUTIONS

INTEGRATING GENERATORS AND BATTERY STORAGE FOR SMARTER, CLEANER ENERGY

Glow Power's Hybrid Power Solutions combine high-efficiency generators with advanced Battery Energy Storage Systems (BESS) to deliver low-emission, fuel-optimized, and reliable temporary power.

HOW IT WORKS

The BESS covers primary loads and silent operation periods

The generator activates only when required, operating at optimal capacity

Smart controllers ensure seamless load sharing, prioritizing fuel savings and emission reduction

OPERATIONAL ADVANTAGES

Manages high inrush loads (e.g., cranes, pumps, compressors)

Enables downsizing of generator units to base load

Delivers measurable cost savings in fuel and maintenance

Enhances energy reliability for mission-critical sites

SUSTAINABILITY IMPACT

Up to 40% reduction in CO₂ emissions

Zero noise operation during off-peak hours or night periods

Fewer generation runtime hours result in lower fuel use and extended service life

USE APPLICATIONS

Events & Festivals

Data Centers & Telecom

Healthcare & Emergency Response

Mining & Industrial Operations



Hybrid power enables flexible resilient, and sustainable energy delivery-on demand.

BATTERY ENERGY STORAGE SYSTEMS (BESS)

Cut fuel consumption by 40% and eliminate noise during critical hours. Our BESS solutions seamlessly integrate with existing generators.

ENVIRONMENTAL & ECONOMIC BENEFITS

40% less CO₂ emissions

35% lower fuel costs

Silent night-time operation

60% less maintenance

EQUIPMENT FEATURES

Silent Night Operations
Perfect for urban construction sites and hotels

40% Fuel Reduction
Significant cost savings from day one

Smart Load Management
AI-powered optimization for maximum efficiency

TECHNICAL SPECIFICATIONS

Small sites 125 kVA - 100 kWh

Large construction 250kVA-215 kWh

IDEAL APPLICATIONS

Night Operation At Venues

Long Run Festivals

Facility Sites

Oil & Gas Sites



“BEHIND EVERY GREAT EVENT, THERE IS **RELIABLE** POWER.”









LIGHTING

- DIESEL TOWER LIGHTS
- HYBRID TOWER LIGHTS
- SOLAR TOWER LIGHTS

TOWER LIGHTS

Our tower lights provide powerful, reliable illumination for construction sites, events, and emergency situations, designed for durability and ease of transport, they ensure visibility and safety in low-light conditions. With energy-efficient options and long run times, these lighting solutions are essential for maintaining productivity and security during night time operations or in dimly lit environments.

IMAGE	TYPE	LUMINOSITY	COVERAGE	FLOODLIGHTS	HEIGHT
	Solar	7,200 Lm 15 LUX	4900 m ²	4 X 100W LED	7.8m Manual Mast
	Diesel	211,200 Lm 27 LUX	7888 m ²	4 X 350W LED	6.8m Manual Mast
	Diesel	276,000 Lm 27 LUX	10087 m ²	4 X 350W LED	8.3m Manual Mast
	Hybrid	144,000 Lm	7500 m ²	4 X 240W LED	8.3m Manual Mast



SOLAR TOWER LIGHTS

Zero fuel, Zero noise, Zero emissions. Our solar tower lights provide reliable illumination for construction sites, events, and security applications.

ENVIRONMENTAL & ECONOMIC BENEFITS

 Saves 7 tons CO₂/year

 Monthly 1000L

 Zero NOx emissions

 Noise reduced by 90%

EQUIPMENT FEATURES

 **3+ Days Runtime**
Continuous operation even during cloudy weather

 **Silent Operation**
Less than 40dB - perfect for hotels and residential areas


 **Zero Fuel**
Significant savings vs diesel lights

 **7 Tons CO₂ Saved**
Per unit per year - verified carbon reduction


TECHNICAL SPECIFICATIONS

 Light Output 4 x 100W LED

 Coverage 2,000 m²

 Runtime 76+ hours

 Solar 1.6 kWp

 Battery 10.8 kWh

IDEAL APPLICATIONS

 **Open Arenas**

 **Festival Parking Areas**

 **Event Buildup Working Lights**

 **Temporary Lighting Solution**



“ENGINEERED ILLUMINATION FOR HIGH-IMPACT ENVIRONMENTS.”





FUEL & STORAGE

■ FUEL TANKS



FUEL TANKS

Our fuel tanks ensure a reliable and continuous fuel supply for your operations. Designed for durability and safety, they are available in a range of capacities to meet diverse site requirements. With robust construction and integrated protection features, they provide secure, uninterrupted fuel storage to keep your equipment running smoothly.

IMAGE	CAPACITY	DIMENSIONS	WALL TYPE
	1000 L	L: 1.2m W: 0.8m H: 1.1m	Self Bunded - Double Wall
	2000 L	L: 2.33m W: 1.13m H: 1.274m	Self Bunded - Double Wall
	3000 L	L: 2.23m W: 1.519m H: 1.274m	Self Bunded - Double Wall
	5000 L	L: 2.23m W: 1.519m H: 1.274m	Self Bunded - Double Wall







COOLING & VENTILATION

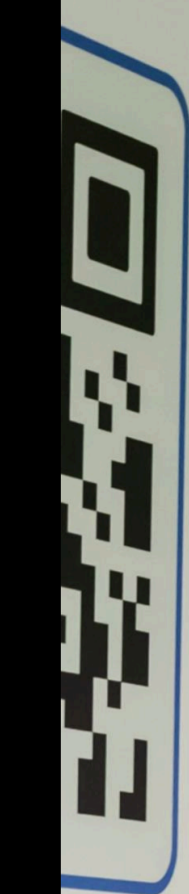
- FLOOR STANDING AC
- CHILLERS
- PACKAGE AC UNIT



COOLING SOLUTIONS

Our efficient cooling systems are designed to maintain safe temperatures on-site, ensuring comfort for personnel and protection for equipment. Whether you need portable air conditioners, ventilation units, or industrial cooling setups, we offer solutions that are reliable, energy-efficient, and easy to deploy.

IMAGE	CAPACITY	POWER	VOLTAGE	TYPE
	5 TON 48,000 BTU	4.52kW	415V 3 Phase	Standing Unit
	10 TON 120,000 BTU	11-12kW	415V 3 Phase	Package AC
	25 TON 300,000 BTU	32-38kW	415V 3 Phase	Package AC
	100 - 200 TON 1,200,000 - 2,400,000 BTU	210 - 280kW	415V 3 Phase	Chiller

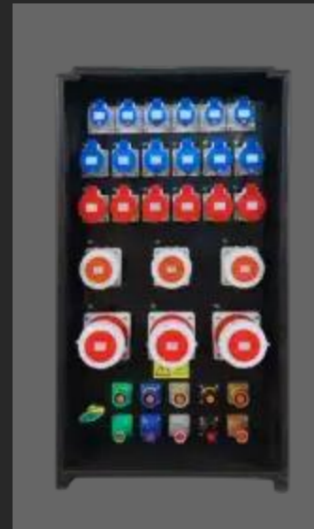



POWER DISTRIBUTION

- DISTRIBUTION BOARDS
- TOTALIZING/ SYNCHRONIZATION PANEL
- AUTOMATIC TRANSFER SWITCH
- POWER CABLES

DISTRIBUTION BOARDS







Our distribution boards offer a centralized hub for controlling your power distribution and are built with flexibility and safety in mind. They are necessary for every project that calls for safe, well-organized power management, whether they are temporary setups or long-term installations.

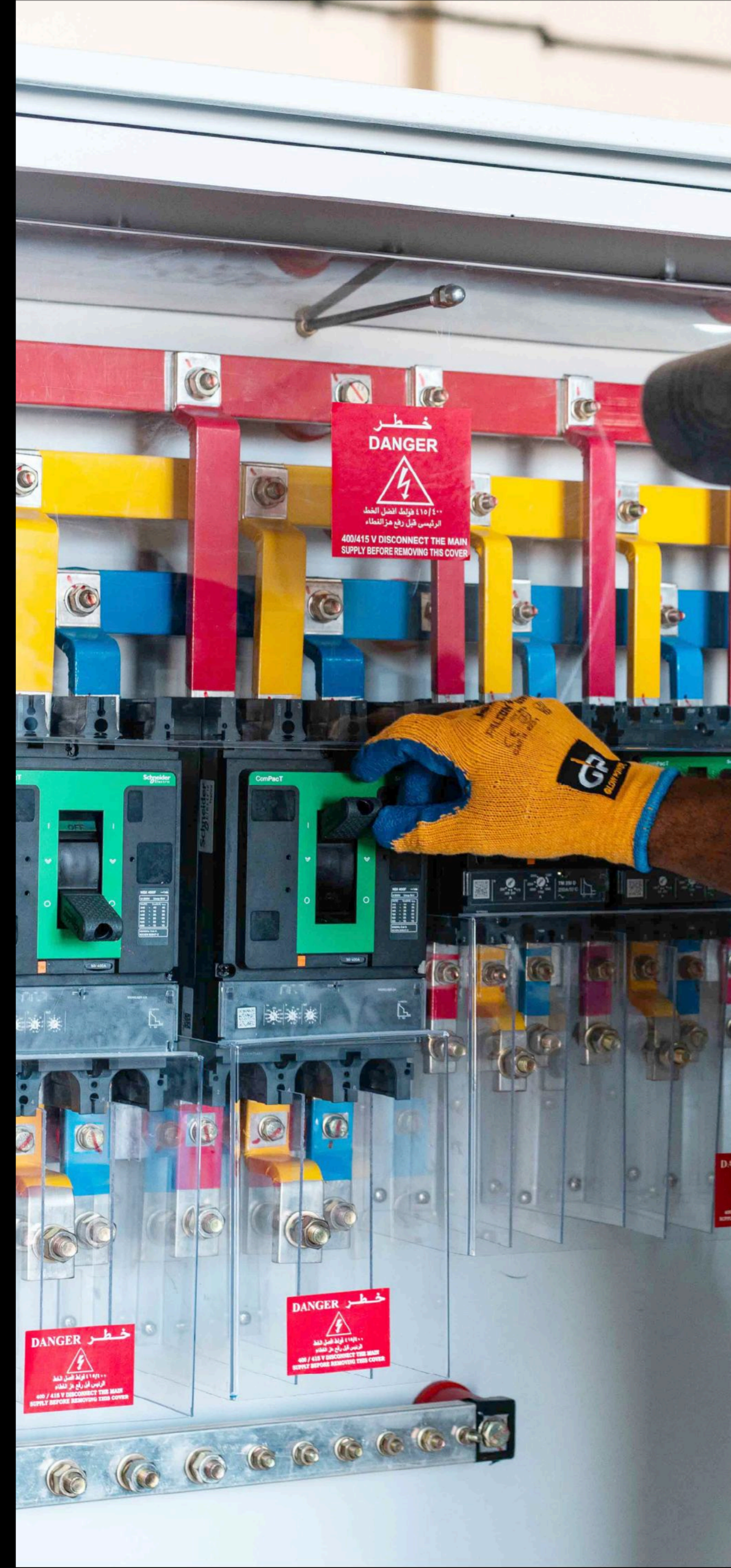
IMAGE	RATED CURRENT	INLET	OUTLET	IP RATING
	32 - 400 A	CEE 32A - 63A - 125A, POWER LOCK - 400A	16A - 32A CEE-3P 32A - 125A CEE-5P	IP67
	63 - 400 A	CEE 63A, Breaker 160A - 400A	32A CEE-3P 32A - 125A CEE-5P	IP54



TOTALIZING/SYNCHRONIZING PANELS

Our Totalizing Panels are the backbone of power sharing and generator synchronization, combining multiple sources onto common busbars with built-in protection to ensure safe, seamless, and reliable power distribution.

IMAGE	RATED CURRENT	INCOMER	OUTING
	630 A	Busbar	1 x 250A 1 x 400A
	800 A	Busbar	1 x 160A 1 x 250A 2 x 400A
	1250 A	Busbar	2 x 160A 2 x 250A 2 x 400A
	1500 A	Busbar	1 x 160A 1 x 250A 2 x 400A POWERLOCK
	2000 A	Busbar	2 x 160A 1 x 250A 2 x 400A POWERLOCK 1 x 800A
	2500 A	Busbar	2 x 160A 1 x 250A 1 x 400A POWERLOCK 2 x 800A



AUTOMATIC TRANSFER SWITCH

Our Automatic Transfer Switches ensure smooth switching between power sources. Designed to provide unmatched dependability for important applications, they immediately transition to a backup power source in the event that the primary source fails.

IMAGE	RATED CURRENT	RATED VOLTAGE	SWITCH TYPE
	125 - 800 A	480V	Automatic / Manual






POWER CABLES



POWER CABLES

UAE's most trusted Power Cable Rental Service provider offering premium cable rental and certified electrical cables rental for events, construction, and industrial applications.

IMAGE	RATED CURRENT	CABLE SPEC	CONNECTOR	LENGTHS
	16 - 600 A	1 - 3 - 5 Core Copper	CEE, Lug-CEE, Powerlock, Lug-Powerlock, Lug-Lug,	1m - 100m





SITE SAFETY & INFRASTRUCTURE

■ FIRE EXTINGUISHERS

FIRE EXTINGUISHERS

Ensuring a safe work environment is a top priority. Each rental setup includes essential safety equipment, such as fire extinguishers, to enhance on-site protection, while these items are not available for individual rental, they are strategically placed at sites to comply with safety regulations and provide immediate response in case of emergencies.

IMAGE	TYPE	WEIGHT	CLASS
	CO2	2 - 6Kg	B, E
	Foam	6 - 25Kg	A, B
	Powder	2 -6Kg	A, B, C






CABLES RAMPS



CABLE RAMPS

With our sturdy cable ramps, you can safeguard your cords and provide a secure working environment. The integrity of your power and data cables in high-traffic areas depends on these ramps, which are made to endure heavy foot and vehicle traffic. They can be easily installed and customized to fit any room thanks to their modular architecture.

IMAGE	CHANNEL	DIMENSIONS	WEIGHT
	1 CH	100x15x3 cm	3 kg
	2 CH	100x25x5 cm	6.2 kg
	3 CH	90x45x6 cm	9 kg
	5 CH	90x50x5 cm	9.68 kg
	5 CH	100x85x3 cm	13 kg





TEMPORARY FENCING & BARRIERS

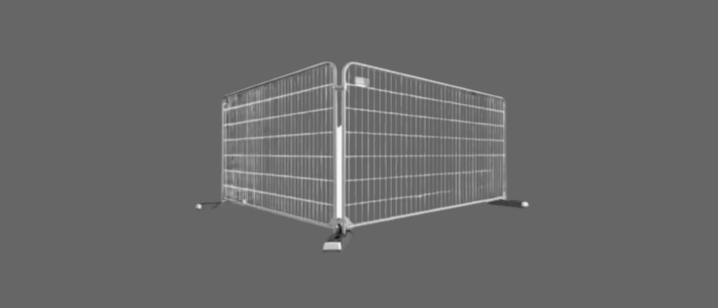

■ TEMPORARY FENCING & BARRIERS

■ SPILL KITS & SAFETY ADD-ONS



TEMPORARY FENCING & BARRIERS

With our police barriers and heras fences, you can be confident that your site is both organized and secure. These walls and barriers are incredibly sturdy and simple to set up, making them perfect for crowd control, perimeter security and site delineation. They are a necessary component of every event or building site, giving you the assurance that everything is safe and well-organized.

IMAGE	DIMENSIONS	MATERIALS	TYPE
	350 x 200 cm LxH	Galvanized Steel	Heras Fence
	245 x 90 cm LxH	Steel	Police Barrier



SPILL KITS

Our spill response kits and safety accessories help maintain a clean, hazard-free site. Designed for quick deployment, they allow you to efficiently contain leaks, manage chemical spills and prevent accidents. These add-ons are essential for meeting safety regulations and ensuring a secure working environment, making them a critical part of any event or construction project.



SPILL KIT

SKU	RSSK-80
Kit Type	Oil & Fuel Only
Absorption Capacity	80L
Compliance/Usage Rating	OSHA compliant



“SECURING SITES WITH PRECISION,
PROTECTING EVERY OPERATION.”





SERVICES SUSTAINABILITY

- 24/7 OPERATIONS & MAINTENANCE
- REMOTE MONITORING & REPORTING
- ECOEDGE™ ESG ALIGNMENT

24/7 OPERATIONS & MAINTENANCE

From routine checks to emergency repairs, our expert team is always on hand to reduce downtime, extend equipment lifespan, and maintain optimal performance.



SITE POWER PLANNING & LAYOUT

A detailed site study and CAD-generated layout ensure optimal placement of rental power equipment for efficient and safe operation.



FUEL SUPPLY & MANAGEMENT

Continuous fuel monitoring and supply to prevent downtime and optimize consumption.



CERTIFIED EQUIPMENT OPERATORS

Trained professionals ensure seamless operation, routine maintenance and on-site troubleshooting.



ENGINEERING ANALYSIS & LOAD CALCULATION

Precision power assessment to determine exact energy requirements, ensuring optimal efficiency and cost-effectiveness.

ECOEDGE™ ESG Alignment

RENT FOR PERFORMANCE. COMMIT TO RESPONSIBILITY

EcoEdge™ embodies our ESG alignment delivering lower emissions, safer site conditions, and operational accountability across our rental fleet, in full support of the UAE's Net Zero 2050 vision and Green Agenda 2030

ENVIRONMENTAL (E)

Minimizing ecological footprint through clean technologies

- Lower emissions across operations.
- Reduced fossil fuel dependence.
- Adoption of clean energy technologies.
- Efficient fleet and energy use.
- Cleaner transport initiatives.
- Aligned with UAE Net Zero 2050 and Green Agenda 2030.

SOCIAL (S)

Promoting safer, cleaner, and more inclusive job sites

- Safer working environments.
- Quieter, lower-pollution sites.
- Workforce training and knowledge sharing.
- Support for client ESG compliance.
- Community and environmental awareness.
- Reinforcing UAE's social sustainability goals.

GOVERNANCE (G)

Ensuring accountability, transparency, and future readiness

- Smart monitoring systems track fuel use and runtime.
- Standard Operating Procedures (SOPs) for sustainable practices.
- Preference for ISO-certified and ESG-compliant suppliers.
- Documentation readiness for ESG reporting and audits.
- Ethical fleet operations and asset lifecycle management.
- Aligned with UAE Vision 2031 objectives for innovation, efficiency, and sustainable infrastructure.

ESG isn't a trend
it's Glow Power's operating system for a cleaner, smarter rental future

REMOTE MONITORING & REPORTING

Advanced monitoring technology for maximum efficiency and sustainability

DSE890 MONITORING SYSTEM

Deep Sea DSE890 MKII

Industry-standard monitoring platform

CLIENT ACCESS & MONITORING

Real-time equipment monitoring

Client portal access 24/7

Track power consumption patterns

Optimize energy usage

Automated alerts & reports

Export consumption data

CLIENT BENEFITS

73% less equipment downtime

40% longer equipment life

Real-time consumption insights

Data-driven optimization

Lower operational costs

Better project planning

EQUIPMENT FEATURES

Reduced Waste
Prevent equipment failures

Optimized Usage
Efficient power distribution

ESG Reporting
Track carbon footprint



“GLOW POWER — ALWAYS ON,
ALWAYS **ONE STEP AHEAD.**”





READY TO POWER UP YOUR NEXT JOB?

Join 500+ UAE companies already powering their operations with efficient, dependable energy.



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ECOEDGE™