



Renewable Fuel



WHEN THE GRID STOPS, WE STEP IN

Rapid-response, reliable, and robust genset power systems
engineered to safeguard mission-critical infrastructure

Data Center Power Range 1500-6250kVA | 50-60Hz

Your Partner in Uninterrupted Data Center Operations

Delivering resilient, fast-response, and scalable backup power solutions for mission-critical environments worldwide



Critical Data Center Power, Zero Compromise

Data center demands uninterrupted power. Sterling Generators delivers high availability genset solutions engineered to provide seamless backup power for hyperscale, Tier III, and Tier IV data centers worldwide.



Engineered for What Matters Most

As digital infrastructure scales, dependable backup power becomes mission-critical. Our genset solutions are precisely engineered to align with your operational requirements, delivering reliability, resilience, and confidence when it matters most.



Built for Global Scale

With global offices and a trusted distributor network, Sterling Green supports data centers worldwide—from hyperscale and enterprise facilities, to colocation environments and beyond. Whether you are planning a new build, upgrading existing infrastructure, or expanding across regions, we deliver proven genset solutions backed by engineering expertise and full system responsibility.



A Brand You Can Trust

Backed by the Sterling & Wilson Group, a 98+ year old EPC organisation with a global presence in 28 countries, Sterling Green Power Solutions brings a legacy of engineering excellence and a strong global presence to mission-critical power projects.

7+ GW

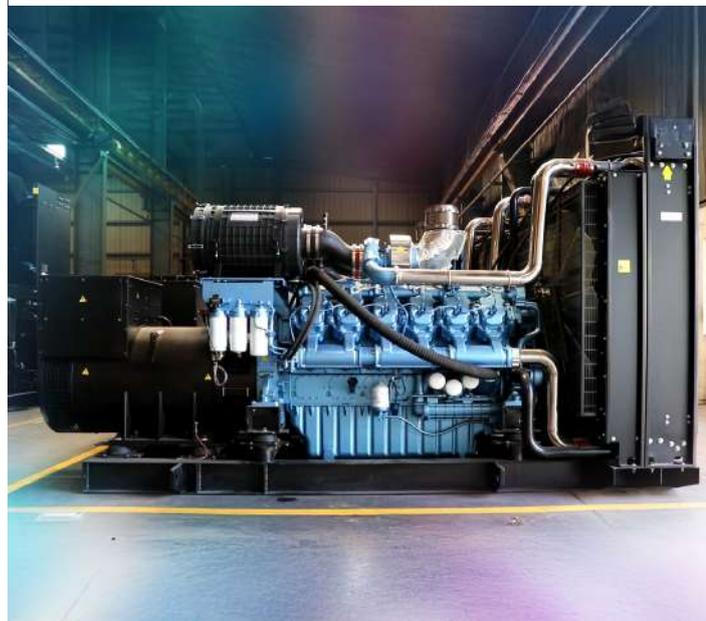
of genset
manufactured &
supplied globally

1+ GW

of genset
deployed in data
center

50+

data center
installations



Uninterrupted Power, Optimized for Your Data Center

Reliable, Scalable, Sustainable Power for Mission-Critical Operations



Seamless Power, Maximum Uptime

We deliver end-to-end power solutions that keep your data center running efficiently and sustainably

- **Dependable Performance** – Continuous power for mission-critical operations
- **Sustainable by Design** – Low-carbon, high-uptime systems
- **Plug & Play Solutions** – Ready-to-run, fully packaged systems
- **Global Expertise** – Decades of data center power experience



Built for Your Project

Power solutions designed to match your exact requirements

- **Custom Engineering** – Tailored designs and turnkey solutions
- **Optimized Reliability** – Right power, right redundancy, cost-efficient
- **Certified & Compliant** – ISO, **UL, CE**, Uptime Institute, and local standards
- **Smart Technology** – Full monitoring and system control



Simplified Project Management

From concept to commissioning, we make complex projects seamless

- **Site Survey** – In-depth assessment for optimal design
- **Custom Genset Design & Manufacturing** – First-of-its-kind solutions, rigorously tested
- **Pre-Shipment Testing** – Experience your system in action before delivery
- **Execution** – Transportation, installation, and commissioning handled efficiently
- **Post-Installation Support** – CX-level testing, documentation, and project handover



Peace of Mind, Total Support

Single-source partnership for reliable, sustainable power

- **24/7 Global Support** – One contact, always on
- **Backed by Global Network** – Access to trusted genset component manufacturers
- **State-of-the-Art Service Center** – Fully equipped with specialized tools for complete engine and alternator repairs

Your single partner for
Reliable, Efficient, and
Sustainable power solutions

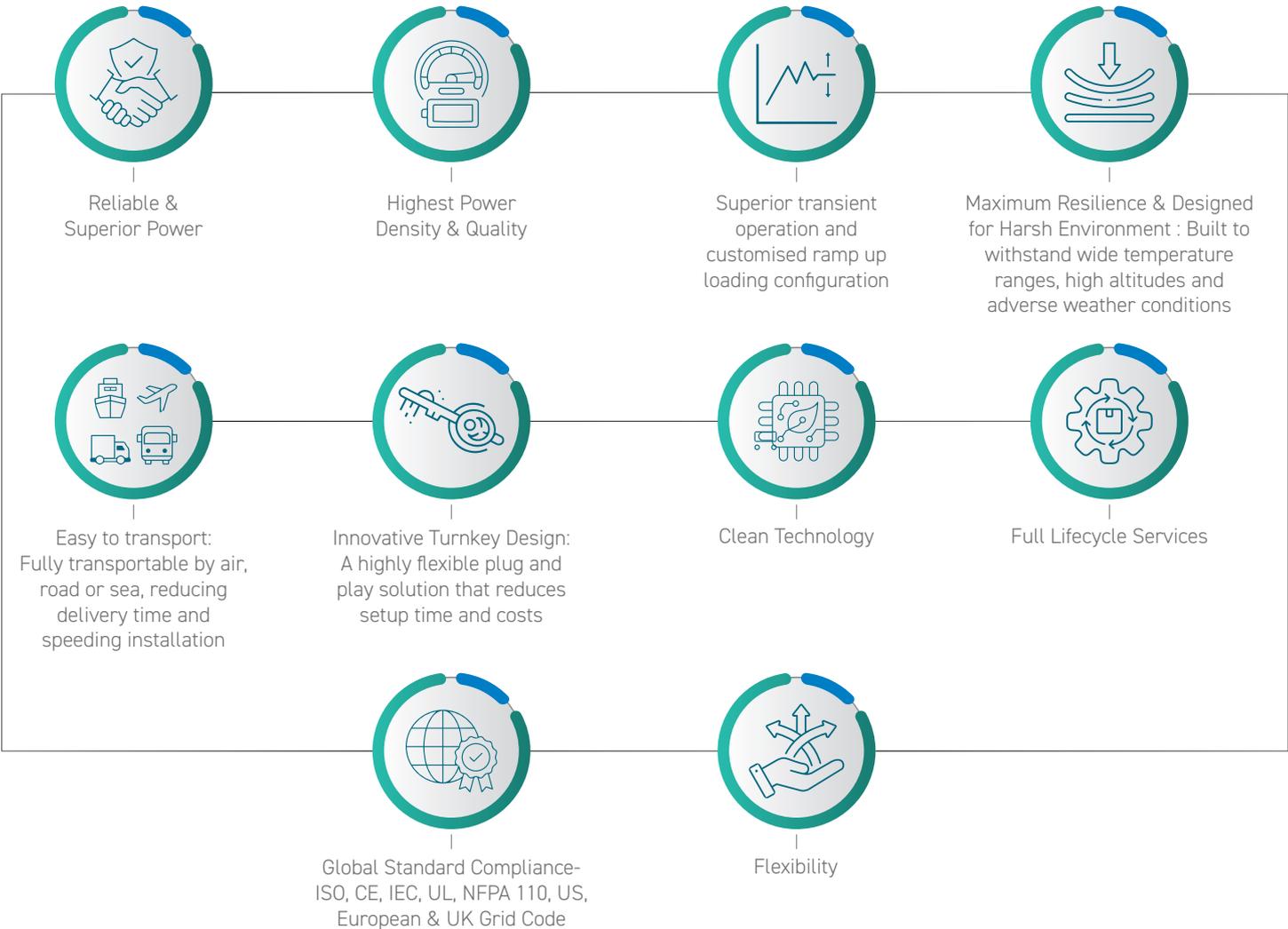




Dependable Energy: Powering Data Centers - Anytime, Anywhere

No matter the scale or complexity of your deployment, our power solutions are engineered to perform with consistency and precision. With over two decades of experience, Sterling Green Power Solutions supports global data center operators with infrastructure designed for reliability, scalability, and operational continuity.

A fully integrated power system from Sterling Green Power Solutions enables fail-safe power delivery across distributed and hyperscale architectures. Our vertically integrated design and manufacturing approach ensures complete control over quality, performance, and lifecycle reliability - supporting predictable outcomes as your infrastructure expands.



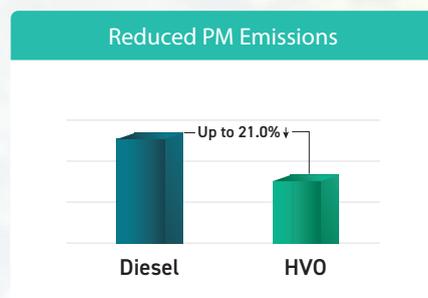
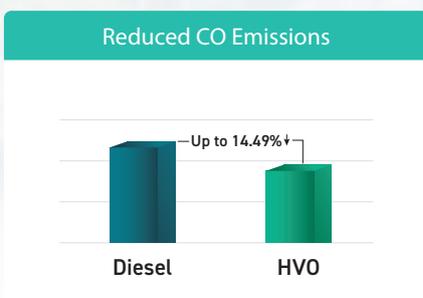
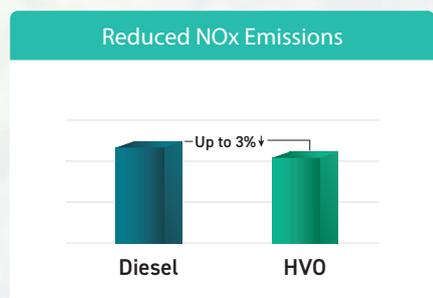


Sustainable Power, Engineered for Mission-Critical Environments

HVO-Ready Generator Systems

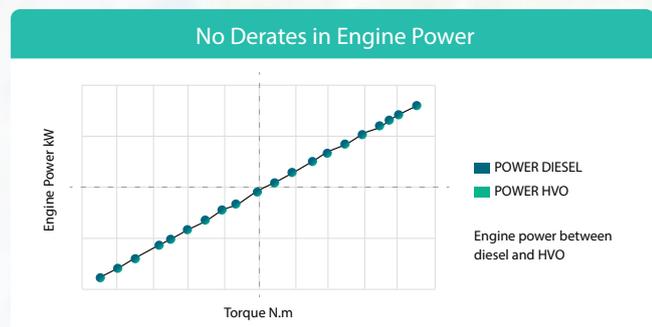
Low-Carbon Power. No Operational Trade-Offs.

The diverse range of Sterling Generators are fully compatible with Hydrotreated Vegetable Oil (HVO) and other EN15940-certified paraffinic fuels.



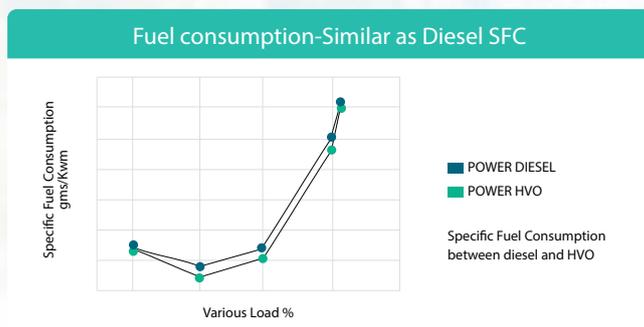
Full Range Compatibility:

The entire portfolio supports HVO operation without any power derates:



Flexible Fuel Strategy:

HVO can be blended in any proportion with conventional diesel—including operation on 100% HVO—enabling a smooth and cost-effective transition to lower-carbon fuels.



No Compromise on Reliability

Fully compatible with existing aftertreatment systems, HVO requires no additional engine maintenance and delivers the same operational reliability expected in mission-critical environments.

To be stored, handled, and deployed using existing infrastructure.

Designed for Hyperscale & ESG Alignment



Supports immediate **carbon reduction** initiatives



Enables compliance with evolving **environmental regulations**



Preserves **uptime, redundancy, and lifecycle predictability**



Aligns with long-term **sustainability roadmaps** of global data center operators

Engineered at one of Asia's Largest Genset Manufacturing Facilities

With a commitment to excellence, we constantly strive to raise the bar in every aspect of the manufacturing process. Our advanced facilities allow us to provide tailored end-to-end power solutions to meet your customised needs. Backed by decades of expertise, we promise to deliver excellence in every product.

Our Capacity:

500

Containerised Sets Per Annum

2000

High Horse Power Open Gensets

ISO Certified Facility

ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
ISO 27001:2022



CNC Machining



Base Frame Shot Blasting



Shot Blasting Unit



Powder Coating Unit



Paint Booth



Assembly Shop



Assembled Genset Storage Bay



Testing Facility



Assembly Shop EOU



Containerized Genset



Engine Rotator

Gensets Product Matrix

Power Solutions That Meet Every Standard, Everywhere



50 Hz Product Range

GENSET MODEL	ENGINE MODEL	MAX. RATING kVA	ASPIRATION	GOVERNING	EMISSION
SGB1500D5E	12M33G8D2/5	1500	T/A-A	ECU	EPA2
SGB1750D5E	16M33G4D2/5	1750	T/A-W	ECU	EPA2
SGB1900D5E	16M33G6D2/5	1900	T/A-W	ECU	EPA2
SGB2063D5E	16M33G8D2/5	2000	T/A-W	ECU	EPA2
SGB2250D5E	20M33G2D2/5	2250	T/A-W	ECU	EPA2
SGB2500D5E	20M33G4D2/5	2500	T/A-W	ECU	EPA2
SGB2750D5E	12M55G8D2/5	2750	T/A-W	ECU	EPA2
SGB3000D5E	12M55G10D2/5	3000	T/A-W	ECU	EPA2
SGB3125D5E	16M55G2D2/5	3125	T/A-W	ECU	EPA2
SGB3313D5E	16M55G4D2/5	3300	T/A-W	ECU	EPA2
SGB3750D5E	16M55G6D2/5	3750	T/A-W	ECU	EPA2
SGB4125D5E	16M55G8D2/5	4000	T/A-W	ECU	EPA2
SGB4250D5E	20M55G2D2/5	4250	T/A-W	ECU	EPA2
SGB4500D5E	20M55G4D2/5	4500	T/A-W	ECU	EPA2
SGB4750D5E	20M55G6D2/5	4750	T/A-W	ECU	EPA2
SGB5000D5E	20M55G8D2/5	5000	T/A-W	ECU	EPA2
SGB1500D5F	12M33G1500/5	1500	T/A-A	ELEC	Fuel Optimised
SGB1650D5F	12M33G1650/5	1650	T/A-W	ECU	Fuel Optimised
SGB1700D5F	16M33G1700/5	1700	T/A-W	ECU	Fuel Optimised
SGB1900D5F	16M33G1900/5	1900	T/A-W	ECU	Fuel Optimised
SGB2050D5F	16M33G2000/5	2000	T/A-W	ECU	Fuel Optimised
SGB2250D5F	16M33GD2250/5	2250	T/A-W	ECU	Fuel Optimised
SGB2500D5F	20M33GD2500/5	2500	T/A-W	ECU	Fuel Optimised
SGB2550D5F	12M55G2550/5	2550	T/A-W	ECU	Fuel Optimised
SGB2750D5F	12M55G2750/5	2750	T/A-W	ECU	Fuel Optimised
SGB3000D5F	12M55G3000/5	3000	T/A-W	ECU	Fuel Optimised
SGB3125D5F	16M55G3000/5	3125	T/A-W	ECU	Fuel Optimised
SGB3300D5F	16M55G3300/5	3313	T/A-W	ECU	Fuel Optimised
SGB3750D5F	16M55G3750/5	3750	T/A-W	ECU	Fuel Optimised
SGB4125D5F	16M55G4000/5	4000	T/A-W	ECU	Fuel Optimised
SGB4250D5F	20M55G4250/5	4250	T/A-W	ECU	Fuel Optimised
SGB4500D5F	20M55G4500/5	4500	T/A-W	ECU	Fuel Optimised
SGB4750D5F	20M55G4750/5	4750	T/A-W	ECU	Fuel Optimised
SGB5000D5F	20M55G5000/5	5000	T/A-W	ECU	Fuel Optimised

60 Hz Product Range

GENSET MODEL	ENGINE MODEL	MAX. RATING kVA	ASPIRATION	GOVERNING	EMISSION
SGB1625D6E	12M33G12D2/6	1625	T/A-A	ECU	EPA Tier2
SGB1875D6E	16M33G2D2/6	1875	T/A-W	ECU	EPA Tier2
SGB2188D6E	16M33G4D2/6	2188	T/A-W	ECU	EPA Tier2
SGB2250D6E	20M33G2D2/6	2250	T/A-W	ECU	EPA Tier2
SGB2500D6E	20M33G4D2/6	2500	T/A-W	ECU	EPA Tier2
SGB2875D6E	12M55G4D2/6	2875	T/A-W	ECU	EPA Tier2
SGB3125D6E	12M55G5D2/6	3125	T/A-W	ECU	EPA Tier2
SGB3300D6E	16M55G2D2/6	3300	T/A-W	ECU	EPA Tier2
SGB3500D6E	16M55G4D2/6	3500	T/A-W	ECU	EPA Tier2
SGB3750D6E	16M55G6D2/6	3750	T/A-W	ECU	EPA Tier2
SGB4125D6E	16M55G8D2/6	4000	T/A-W	ECU	EPA Tier2
SGB4500D6E	20M55G2D2/6	4500	T/A-W	ECU	EPA Tier2
SGB5000D6E	20M55G4D2/6	5000	T/A-W	ECU	EPA Tier2
SGB5250D6E	20M55G6D2/6	5250	T/A-W	ECU	EPA Tier2
SGB1625D6F	12M33G1300/6	1625	T/A-A	ECU	Fuel Optimised
SGB1750D6F	16M33G1400/6	1750	T/A-W	ECU	Fuel Optimised
SGB1875D6F	16M33G1500/6	1875	T/A-W	ELEC	Fuel Optimised
SGB2063D6F	16M33G1650/6	2063	T/A-W	ECU	Fuel Optimised
SGB2188D6F	16M33G1750/6	2188	T/A-W	ECU	Fuel Optimised
SGB2500D6F	20M33G2000/6	2500	T/A-W	ECU	Fuel Optimised
SGB2750D6F	20M33G2200/6	2750	T/A-W	ECU	Fuel Optimised
SGB2875D6F	12M55G2250/6	2875	T/A-W	ECU	Fuel Optimised
SGB3125D6F	12M55G2500/6	3125	T/A-W	ECU	Fuel Optimised
SGB3300D6F	16M55G2640/6	3300	T/A-W	ECU	Fuel Optimised
SGB3500D6F	16M55G2800/6	3500	T/A-W	ECU	Fuel Optimised
SGB3750D6F	16M55G3000/6	3750	T/A-W	ECU	Fuel Optimised
SGB4125D6F	16M55G3300/6	4000	T/A-W	ECU	Fuel Optimised
SGB4500D6F	20M55G3600/6	4500	T/A-W	ECU	Fuel Optimised
SGB5000D6F	20M55G4000/6	5000	T/A-W	ECU	Fuel Optimised
SGB5250D6F	20M55G42000/6	5250	T/A-W	ECU	Fuel Optimised

Empowering Reliability Through Complete Accountability

With a commitment to excellence, we constantly strive to raise the bar in every aspect of the manufacturing process. Our advanced facilities allow us to provide tailored end-to-end power solutions to meet your every need. Backed by decades of expertise, we promise to deliver excellence in every product.



Genset

- **Critical Data Center Power Range:** 1500 kVA to 6250 kVA
- **Frequency:** 50 & 60 Hz
- **Emission Strategy:** EPA Tier 2 & TA Luft Norms
- **Voltage:** 380 to 16000 Volts
- **Ambient Capability:** -15° C to as high as 55° C
- **Control Philosophy:** Auto main Failure, DG to DG Synch, DG to Grid Synch
- **Grid Code Compliance:** Complied as per location of installation



Critical Power Pods

- Modular power pods as per data center needs
- Customised dimensions based on site requirements
- Made out of virgin steel
- Designed for high ambient capability
- Equipped with fire dampers/ motorised louvers
- **Noise Level:** 65 - 85 dba @ 1 Mtr
- **Modular Design:** Transportable on flat racks / CSC Top Deck
- **Fire Rating:** Upto 2 hours
- **Inbuilt Fire Detection & Suppression system**
- **Paint Specification:** C5M
- **Fuel Tanks Capacity:** Inbuilt Upto 8 KL



Belly Tanks

- **UL Certified Tanks**
- **Capacity:** 10 -30 KL
- **Inbuilt Fuel Automation Systems**
- **Double Walled with Leak Detection System**



Power Panel

- **MV Panels:** 6.6 to 33 KV with Fault level of upto 31.5 kA
- **LV Panels:** Fully Type Tested as per IEC61439
- **Dual Breaker Panel:** DC Load and Load Bank with necessary interlocks



Critical Data Center Power Pods

Key Highlights



Integrated, factory-engineered power modules for rapid data center deployment



Redundant systems and fault-tolerant design for continuous operation



Designed for hyperscale, colocation, and enterprise environments



Seamless integration with UPS, switchgear, and control systems



Tier III / Tier IV-ready architecture supporting high-availability requirements



Pre-tested and validated to ensure predictable on-site performance



Scalable, modular design to support phased capacity growth



Compact footprint maximizing site utilization



Fast installation and commissioning, reducing time to power



Global compliance with emissions, safety, and data center standards



High-efficiency diesel generator integration optimized for critical loads



Engineered for reliability, resilience, and long-term uptime



One-stop Support, Every Step

We are your full-service partner – supporting you from initial planning and design, through installation and commissioning, to ongoing services. Whether you need turnkey backup power or a fully integrated emergency power solution, our experts are by your side at each project phase for peace of mind and optimal performance.

Trusted Around The World For Critical Power

The World Power



Data Center in Johar Bahru, Malaysia

Genset Qty & Capacity: 36 Units of 1.8 MW & 66 Units of 2 MW
Post Commissioning Service: AMC

Key Project Highlights

- » One of the Largest Hyper-scale Data Center in South East Asia
- » Equipped with 15KL double walled belly tanks to support 24 hour operations at full rated capacity
- » Containerised sets to meet acoustic sound level of 85 dBA at 1m distance
- » Designed for 45° C ambient conditions.



Data Center in Cyber Jaya, Malaysia

Genset Qty & Capacity: 6 Units of Each 1.8 & 2 MW and 30 Units of 2.2 MW
Post Commissioning Service: AMC

Key Project Highlights

- » High Ambient vertical Discharge Radiator
- » 15 KL doubled walled belly tank to support 24 hour ops at full rated load.
- » Compact design and better footprint
- » Noise less than 85dBA @ 1 m



Data Center in Mumbai, India

Genset Qty & Capacity: 23 units of 1.8 MW
Post Commissioning Service: AMC

Key Project Highlights

- » Ultra Low noise Enclosure - 75dBA @ 1 Mtr
- » Exhaust Piping are 50 m self standing supporting structure prefabricated and assembled at site
- » Underground storage tanks; 8 nos. 80 kL each double walled tank with fuel detection system
- » Double walled fuel piping from HSD yard to DG building
- » Ambient Temperature tested upto 50° celsius

Trusted Around The World For Critical Power

The World Power



Data Center in Melbourne, Australia

Genset Qty & Capacity: 18 nos. 2500 kVA DCC

Post Commissioning Service: AMC

Key Project Highlights

- Data Center – IT & Mechanical Load
- 46° celsius high ambient temperature radiator
- 85 dbA one envelop fully welded containerized acoustic enclosure
- Fire detection system



Data Center in KSA & Thailand

Genset Qty & Capacity: 93 Units of 2.5 MW & 4 Units of 2.7 MW

Post Commissioning Service: AMC

Key Project Highlights

- Seismically restrained Open DG Set
- High Ambient Radiators designed for 60° celsius Air on Core
- 8Kl belly tanks within genset Baseframe
- Equipped with Heavy Duty Air Filters for Dusty Environment



Data Center in Kanchipuram –TN, India

Genset Qty & Capacity: 2250 kVA DCC

Post Commissioning Service: AMC

Key Project Highlights

- Current Supplies are of 16 Units of 16M33 Series
- SITC of Genset, Acoustic Enclosure, C&R, Exhaust System, Underground Fuel Storage tank, Automations, approvals
- One of the largest hyperscale data center in South India
- High Voltage Gensets (11KV)

Your Trusted Partner, Supporting You Globally

Power that never stops. Support that never lets you down.

Custom Value Care Packages

Tailored service solutions designed around your unique energy needs, covering all makes and models while meeting regulatory requirements and ensuring maximum reliability.

Proven Quality Products

World-class manufacturing and pioneering technology deliver industry-leading power solutions, all backed by a comprehensive warranty.

Exceptional Customer Support

Factory-trained and certified Sterling Green technicians perform live system testing as part of scheduled maintenance to reduce risk and downtime.

Industry Expertise

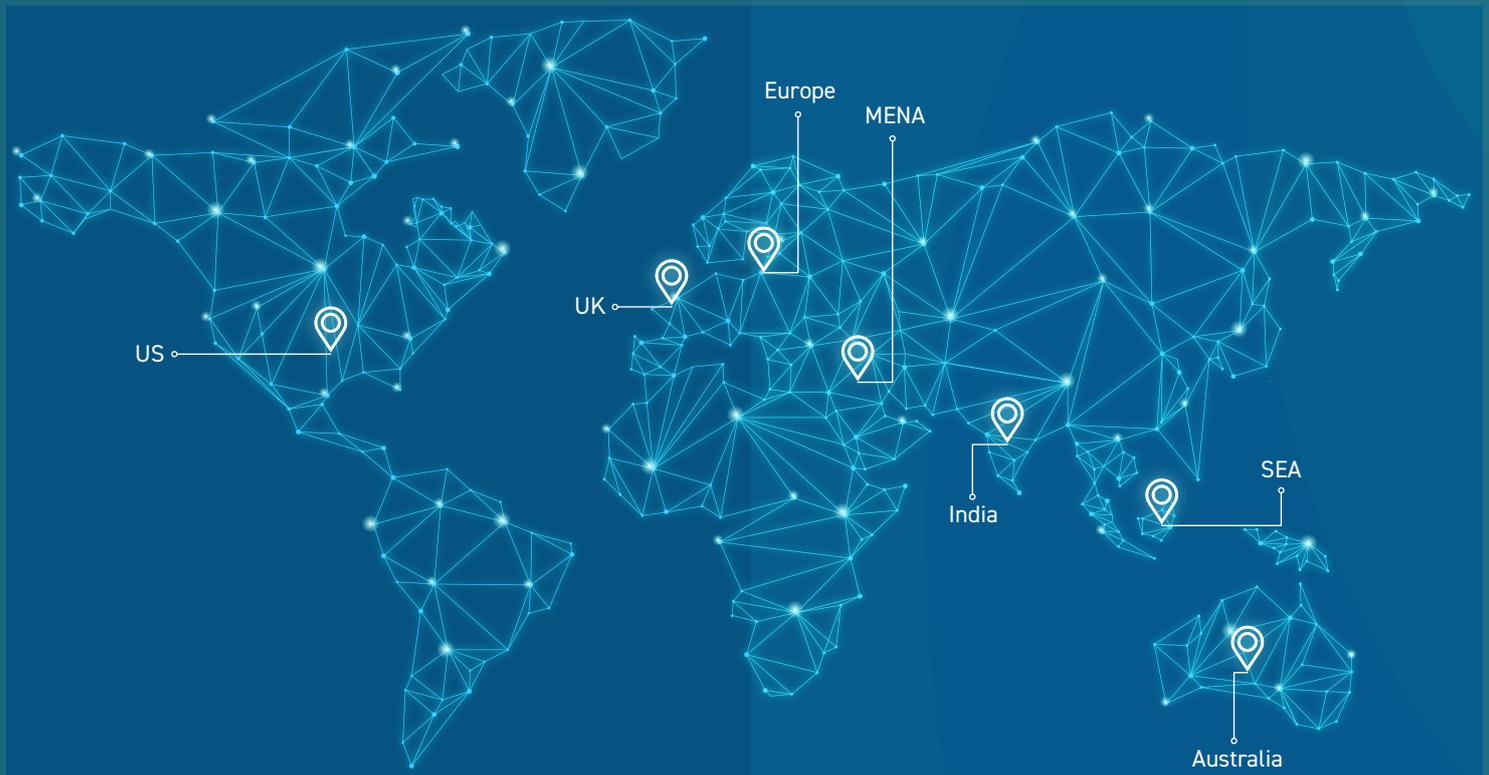
With many data center projects delivered globally, Sterling Green brings deep experience and a trusted reputation for excellence.

Proactive Global Network

Our worldwide distribution network minimises unplanned downtime through proactive monitoring and risk mitigation.

Responsive 24/7 Service

Dedicated teams provide around-the-clock support, best-in-class emergency response, OEM parts, RCA support, and safe systems of work—wherever you operate.



Connect with Us Today!

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