

# Power Up Your Future

WINCO Generators Delivering Unstoppable Energy Since 1927

**WINCO**  
GENERATORS  
 An American Company



OEM

Oil & Gas

Data Center

Rental

Microgrid



# About Us

## From Humble Beginnings to Industry Leader: WINCO's Journey in Innovative Power Solutions



With deep roots in North America, WINCO has been manufacturing dependable resources for emergency and prime power since 1927. Founded by two brothers in rural Iowa, who needed a better way to charge their radio batteries. With a 6-Volt automotive generator, coupled to a hand-built propeller and tail section, atop a tower, the brothers built their Wincharger. Once neighbors, and a popular radio manufacturer, caught wind of the wind generators, the company took off. Throughout WINCO's long history, we continue to create solutions to the ever-growing power demands. At Winco, we are committed to helping our customers find the best solutions for their power needs. Our mission is to consistently exceed expectations by crafting high-quality products, delivering

exceptional service, and continuously developing our team and improving our processes. Our in-house manufacturing capabilities include sheet metal cutting, forming and welding, powder coat painting, wiring, assembling and testing which allows us to provide tailored solutions that meet your specific requirements.

We continue to create **solutions** to the ever-growing power demands



# POWER SOLUTIONS

**WINCO** offers a range of robust power solutions for diverse applications



## OEM

### CUSTOM POWER SOLUTIONS FOR OEM SUCCESS

WINCO's engineering and production capabilities allow us to work closely with companies to ensure our generators work seamlessly with their products. Our experts can tailor solutions to OEM specifications. Diesel generators, Gas generators, and Hybrid solutions. Work with our Engineering team to develop custom solutions for your products and enjoy our industry leading engineering support, flexible manufacturing capabilities, and long term After-Sales support.

## OIL & GAS

### POWER ENERGY EXPLORATION - RELIABLE GENERATOR SOLUTIONS FOR OIL & GAS

WINCO offers rugged power solutions for demanding environments. Our oil and gas solutions have proven reliable performance for critical Upstream, Midstream and Downstream operations. Special focus on the ability to perform in the harshest conditions being able to withstand extreme temperatures, dust, vibration and corrosive environments. Couple that with our fuel flexibility options and our high power density - we have you covered!

## DATA CENTER

### POWERING DATA, PROTECTING UPTIME

WINCO's reliable backup power for critical infrastructure encompasses unmatched reliability, and scalable solutions while maintaining industry compliance and safety standards. We offer Standby generators with rapid response times, minimal switchover time and remote monitoring features. Our Prime power solutions are ideal for data centers in regions with unstable grids or high power demands. Modular designs can feature flexible configurations for scalability and load balancing.

## RENTAL

### RELIABILITY, MOBILE AND READY FOR ANY CHALLENGE

WINCO's Robust and reliable designs ensure durability for the demanding rental market. Our mobile and towable units range from 15 kilowatts to 1,000 megawatts. Our packages ensure fuel efficient prime movers and allow extended run times reducing refueling needs. User friendly controls and remote monitoring capabilities bring piece of mind to both rental users and fleet managers. Contact us to expand or replace your rental fleet needs.

## MICROGRID

### RELIABILITY POWER FOR RESILIENT MICROGRIDS

WINCO generators products are designed for seamless integration for sustainable energy systems. We offer flexible integration with renewable energy sources like solar wind and battery storage. Our advanced control systems work with Smart Energy Management Systems to ensure balance between power generations, storage and distribution. For remote applications, ask about our Off-Grid prime power applications.







Minneapolis, Minnesota

## GASEOUS

Model	Certificate	Engine Brand	Engine Model	AVR Type	EPA	CARB	Dimensions (L x W x H)	Weight
PSS21F4	UL2200/CSA	FORD	MSG425	AS440	YES	YES	81" x 35" x 43.44"	1570 lbs
PSS30F4	UL2200/CSA	FORD	MSG425	AS440	YES	YES	81" x 35" x 43.44"	1570 lbs
PSS40R4	UL2200/CSA	ORIGIN	4.3L	AS440	YES	NO	109.15" x 42" x 57.15"	2500 lbs
PSS65F4	UL2200/CSA	FORD	WSG873	AS440	YES	NO	108" x 42" x 60.11"	2625 lbs
PSS90P4	UL2200/CSA	PSI/GM	5.7L	AS440	YES	YES	108" x 44" x 57.21"	2964 lbs
PSS150P4	UL2200/CSA	PSI/GM	8.8LTCAC	AS440	YES	NO	132" x 52.73" x 77.18"	5500 lbs
PSS200P4	UL2200/CSA	PSI/GM	11.1L	MX341	YES	NO	169.29" x 71" x 87"	9716 lbs
PSS250P4	UL2200/CSA	PSI/GM	13L	MX341	YES	NO	169.29" x 71" x 87"	9916 lbs
PSS300P4	UL2200/CSA	PSI/GM	14.6L	MX341	YES	NO	177.17" x 93" x 97"	12241 lbs
PSS350P4	UL2200/CSA	PSI/GM	14.6L HO	MX341	YES	NO	177.17" x 93" x 97"	12542 lbs
PSS450P4	UL2200/CSA	PSI/GM	21.9L	MX341	YES	NO	201" x 95" x 115"	14739 lbs
PSS500P4	UL2200/CSA	PSI/GM	21.9L HO	MX341	YES	NO	201" x 95" x 115"	15070 lbs
PSS650P4	UL2200/CSA	PSI/GM	32L	MX341	YES	NO	256" x 99" x 120"	27118 lbs
PSS800P4	UL2200/CSA	PSI/GM	40L	MX321	YES	NO	256" x 99" x 120"	27250 lbs
PSS1000P4	UL2200/CSA	PSI/GM	53L	MX321	YES	NO	280" x 99" x 121"	36085 lbs

## DIESEL

Model	Certificate	Engine Brand	Engine Model	AVR Type	EPA	CARB	Dimensions (L x W x H)	Weight
DR12I4	UL2200/CSA	ISUZU	3CE1	AS540	YES	N/A	75.96" x 34" x 44.18"	1790 lbs
DR20I4	UL2200/CSA	ISUZU	4LE2	AS540	YES	N/A	74.96" x 34" x 44.18"	2020 lbs
DR35F4	UL2200/CSA	FPT	N45 SM1	AS440	YES	N/A	109" x 42" x 56.86"	3425 lbs
DR45F4	UL2200/CSA	FPT	N45 SM1	AS440	YES	N/A	108" x 42" x 56.86"	3425 lbs
DR54F4	UL2200/CSA	FPT	N45 SM2	AS440	YES	N/A	109" x 42" x 56.86"	3425 lbs
DR90F4	UL2200/CSA	FPT	N45 TM2	AS440	YES	N/A	109" x 42" x 57.38"	3875 lbs
DR100F4	UL2200/CSA	FPT	N67 TM1	AS440	YES	N/A	136.35" x 48" x 79.81"	5050 lbs
DR130F4	UL2200/CSA	FPT	N67 TM1	AS440	YES	N/A	136.35" x 48" x 79.81"	5150 lbs
DR175F4	UL2200/CSA	FPT	NEF67TE2PV	AS440	YES	N/A	136.35" x 48" x 79.83"	5250 lbs
DR250F4	UL2200/CSA	FPT	C87TE3F	MX341	YES	N/A	180.5" x 59.2" x 87.56"	8740 lbs
DR300F4	UL2200/CSA	FPT	C87TE1PV F550	MX341	YES	N/A	180.5" x 59.2" x 87.56"	8940 lbs
DR350F4	UL2200/CSA	FPT	C13 TE3X	MX341	YES	N/A	236.49" x 78" x 99.14"	8945 lbs
DR400V4	UL2200/CSA	VOLVO	TAD1353GE	MX341	YES	N/A	236.49" x 78" x 99.14"	11500 lbs
DR450V4	UL2200/CSA	VOLVO	TAD1650GE	MX341	YES	N/A	236.49" x 78" x 99.05"	11300 lbs
DR500V4	UL2200/CSA	VOLVO	TAD1641GE	MX341	YES	N/A	236.49" x 78" x 99.05"	11500 lbs
DR550V4	UL2200/CSA	VOLVO	TAD1642GE	MX341	YES	N/A	236.49" x 78" x 99.15"	11950 lbs
DR600V4	UL2200/CSA	VOVLO	TWD1644GE	MX341	YES	N/A	236.49" x 78" x 99.15"	13200 lbs
DR600B4	UL/ULC2200	BAUDOUIN	6M33G8D2/6	MX321	YES	N/A	257.7" x 87.8" x 98.8"	21800 lbs
DR644B4	UL/ULC2200	BAUDOUIN	6M33G12D2/6	MX321	YES	N/A	257.7" x 87.8" x 98.8"	22150 lbs
DR700B4	UL/ULC2200	BAUDOUIN	8M33G4D2/6	MX321	YES	N/A	284.5" x 108.3" x 119.3"	33270 lbs
DR800B4	UL/ULC2200	BAUDOUIN	8M33G6D2/6	MX321	YES	N/A	284.5" x 108.3" x 119.3"	33270 lbs
DR1000B4	UL/ULC2200	BAUDOUIN	12M33G8D2/6	MX321	YES	N/A	284.5" x 108.3" x 119.3"	36460 lbs
DR1250B4	UL/ULC2200	BAUDOUIN	12M33G12D2/6	MX321	YES	N/A	284.5" x 108.3" x 119.3"	37850 lbs
DR1500B4	UL/ULC2200	BAUDOUIN	16M33G2D2/6	MX322	YES	N/A	393.4" x 126.6" x 143.6"	61150 lbs
DR1750B4	UL/ULC2200	BAUDOUIN	16M33G4D2/6	MX322	YES	N/A	393.4" x 126.6" x 143.6"	61175 lbs
DR2000B4	UL/ULC2200	BAUDOUIN	20M33G4D2/6	MX322	YES	N/A	393.4" x 126.6" x 143.6"	66820 lbs
DR2300B4	UL/ULC2200	BAUDOUIN	12M55G4D2/6	MX322	YES	N/A	442.6" x 147.71" x 158.2"	63210 lbs
DR2500B4	UL/ULC2200	BAUDOUIN	12M55G5D2/6	DM110	YES	N/A	442.6" x 147.71" x 158.2"	63210 lbs
DR2800B4	UL/ULC2200	BAUDOUIN	16M55G4D2/6	DM110	YES	N/A	442.6" x 147.71" x 158.2"	63210 lbs
DR3000B4	UL/ULC2200	BAUDOUIN	16M55G6D2/6	DM110	YES	N/A	442.6" x 147.71" x 158.2"	68096 lbs
DR3300B4	UL/ULC2200	BAUDOUIN	16M55G8D2/6	DM110	YES	N/A	442.6" x 147.71" x 158.2"	68096 lbs





# CUSTOM POWER SOLUTIONS, CONNECTING DOTS

## Uninterrupted power for data centers.

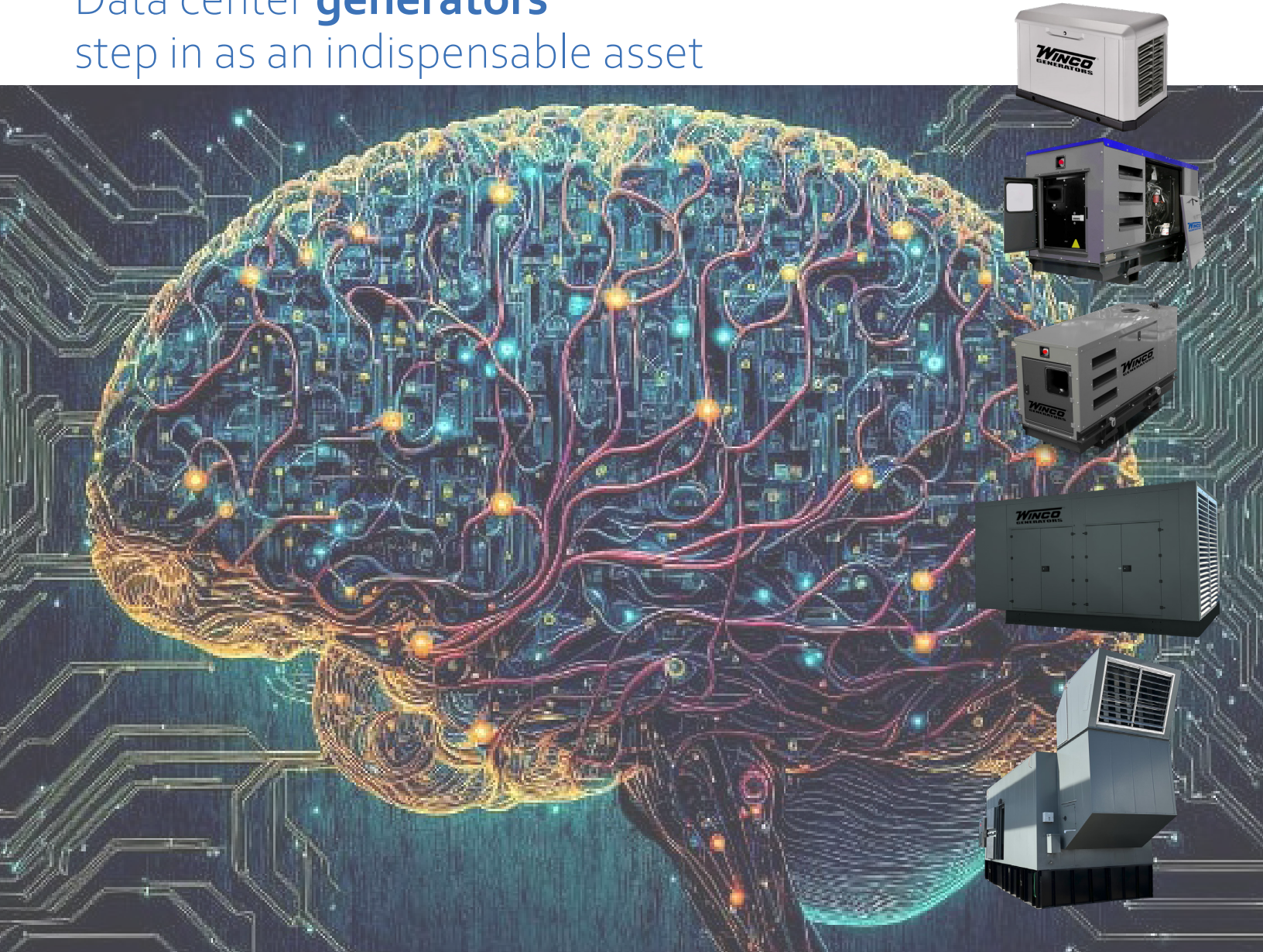
WINCO Generators utilizing Baudouin PowerKit engines, powering data centers with reliability and have the widest range on the market. It meets all the highest requirements for data centers, including Uptime Institute compliance, load acceptance, and power efficiency for data centers backup power generator. WINCO is also known for its best-in-class lead times, giving companies confidence in meeting project deadlines with speedy delivery.

With a presence in all 50 states, Mexico, Canada, and 150 strategically located service points in the USA. WINCO is a certified aftermarket support provider.

Baudouin training schools at WINCO provides hands-on experience to prepare technicians.

In our modern digital landscape, the role of data centers in supporting the infrastructure is paramount. These critical hubs require not only power, but also a consistent reliable supply in order to seamlessly navigate the digital age. This is where data center generators step in as an indispensable asset. Their critical function is to provide robust backup power solutions, ensuring the uninterrupted flow of energy and strengthening the resilience of our digital infrastructure.

Data center **generators**  
step in as an indispensable asset



## Our solution for data centers.

### KEY CONSIDERATIONS IN ENGINE & GENSET ENGINEERING:

Transient performance:

Our M33 and M55 platforms exceed market load acceptance standards, functioning as ISO 8528-5 G3 engines with excellent load acceptance and heat rejection. Transient response is optimized through different turbocharger configurations.

Redundancy Options:

The data center requirements can be met with dual starting motor redundancy.

Reliability:

Our engines have a proven track record with impressive overhaul service intervals (32000 hours for M33 and M55 units), demonstrating the durability and reliability that is crucial for data centers.

Ratings:

Dedicated optimized DCP ratings comply with Uptime Institute standards.

Power Quality:

Our engines can handle harmonics generated by IT loads. They can accommodate oversized alternators that are compatible with major suppliers for both low voltage (LV) and high voltage (HV) applications. This is crucial in data center.

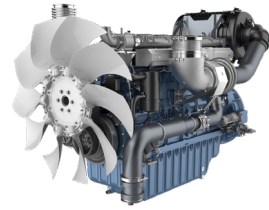


## POWER GENERATION AWARENESS

GoldmanSachs Research estimates the overall increase in data center power consumption from AI to be on the order of 200 terawatt-hours per year between 2023 and 2030. By 2028, their analysts expect AI to represent about 19% of data center power demand.



# G-Drive Diesel Engines

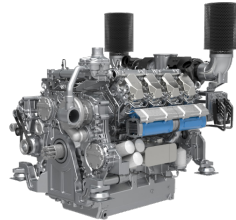


**6M33**

(genset) PRP: 500kW-600kW

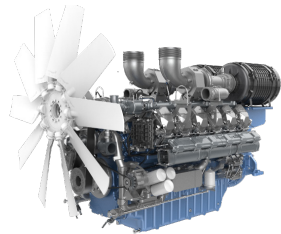
**8M33**

(genset) PRP: 640kW-800kW



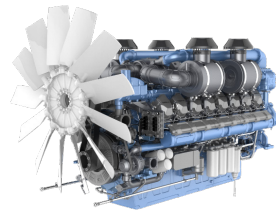
**12M33**

(genset) PRP: 900kW-1200kW



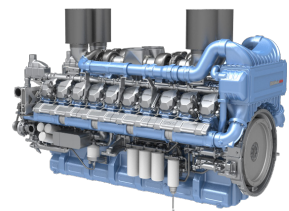
**16M33**

(genset) PRP: 1300kW-1600kW



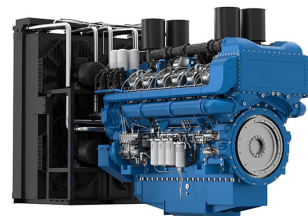
**20M33**

(genset) PRP: 1600kW-1800kW



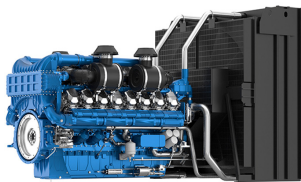
**12M55**

2450kW-2700kW



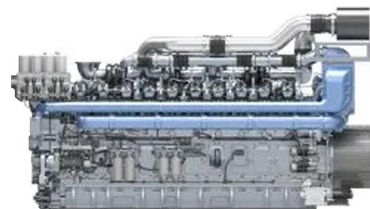
**16M55**

2750kW-3600kW



**20M55**

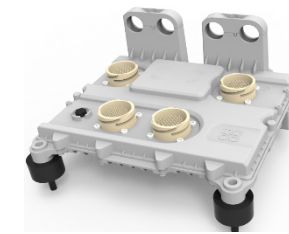
4550kW



## Transient Load Performance

**15%**

Transient Loading  
Performance  
Improve **15%**



**Independent ECU**

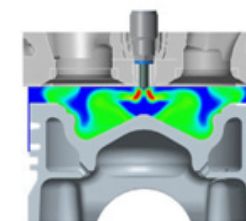
Exclusive transient strategy calibration  
**Transient increase of 6%**



**Turbocharger**

Optimize the moment of inertia of  
the turbocharger bearings to reduce  
resistance

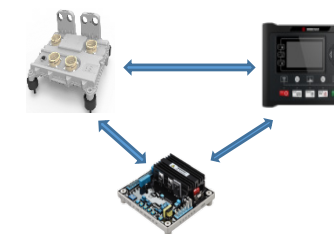
**Transient increase of 5%**



**Algorithm**

The algorithm is optimized and the  
time from no-load to maximum fuel  
injection is shortened.

**Transient increase of 2%**



**ECU & AVR**


The ECU and AVR unite to control.  
**Transient increase of 2%**




# M33 Series

6M33 8M33 12M33 16M33 20M33


High Efficiency & High Pressurization Technology

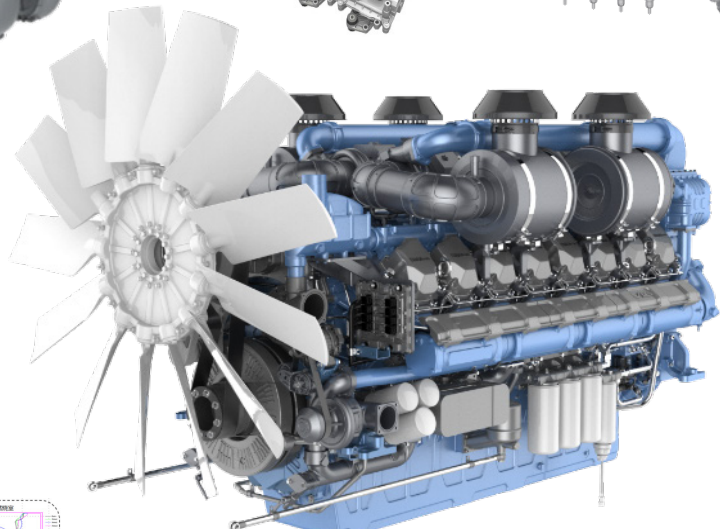


Independent intelligent control system

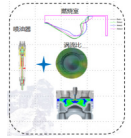


Ultra High Pressure Common Rail System

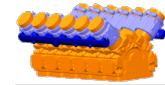




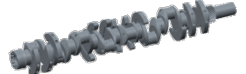
Efficient Combustion



Module Design



High Strength & Reliability



## LOADING CAPACITY

20M33/1800kW genset load 0% to 65% meet G3 requirements, load 0% - 100% without flame out.

## START CAPACITY

Start time less than 9 seconds.

## PRECISE CALIBRATION

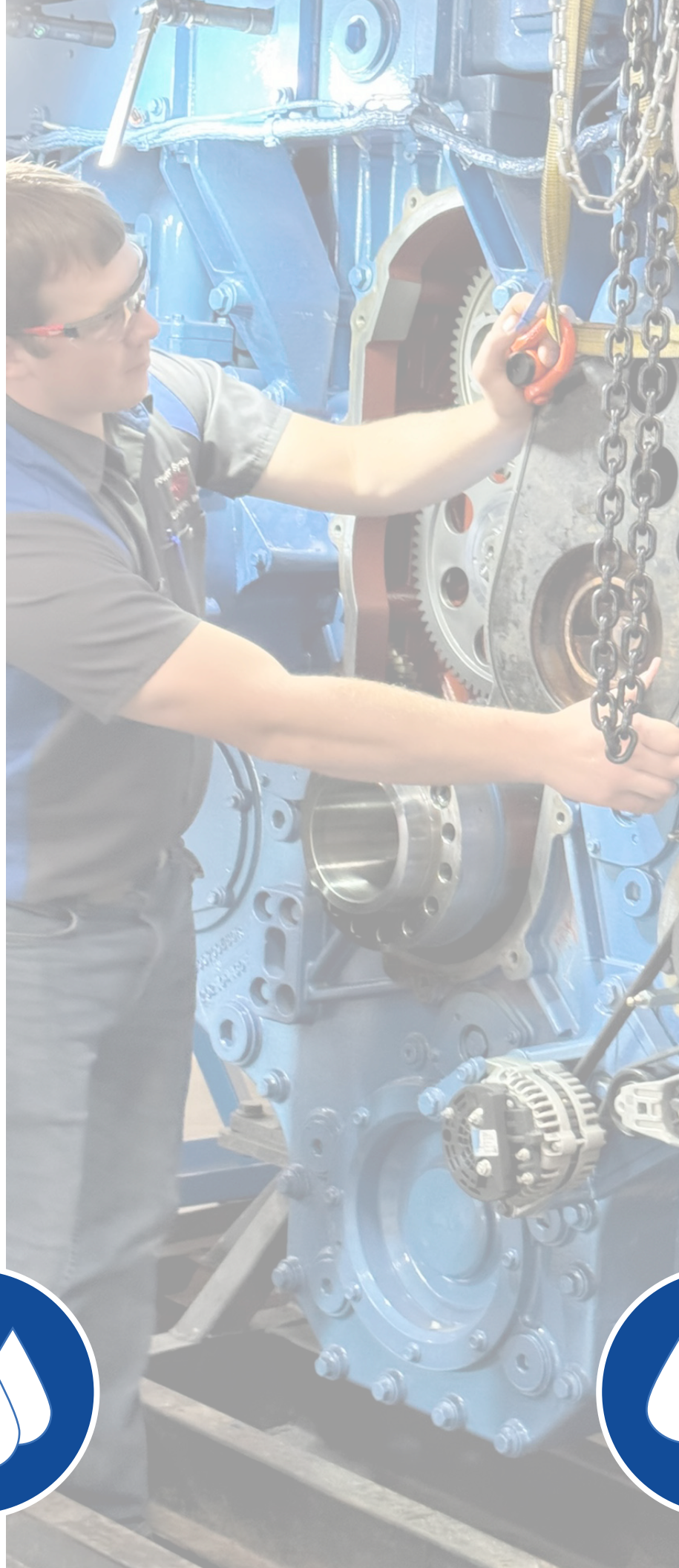
Pre-injection calibration improves cylinder temperature and improves the combustion speed.

## COMPRESSION RATIO

Increased by 10% and startup success rate and startup speed are improved.

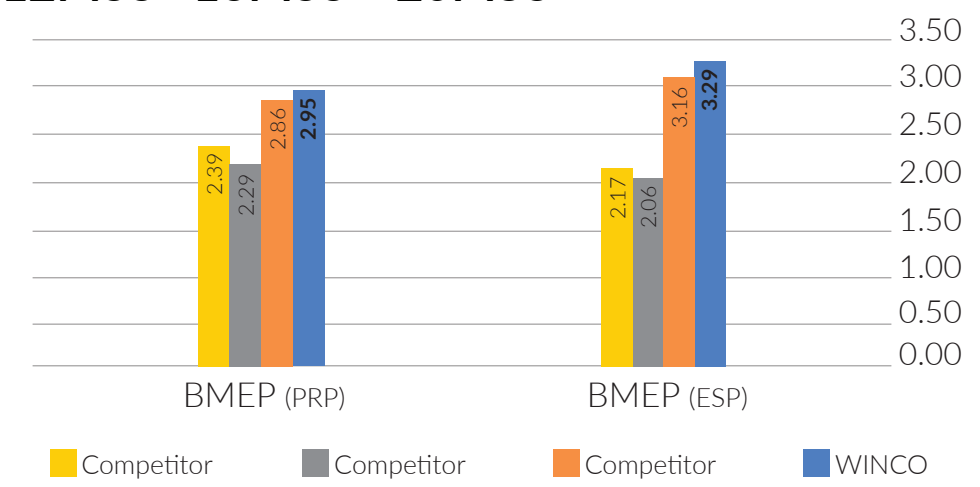
## START CAPACITY

The power of starter is increased by 17.6%. Redundant starter ensures reliable starting




# M55 Series


12M55 16M55 20M55



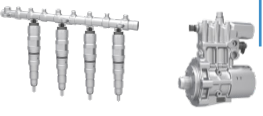
High Efficiency & High Pressurization Technology

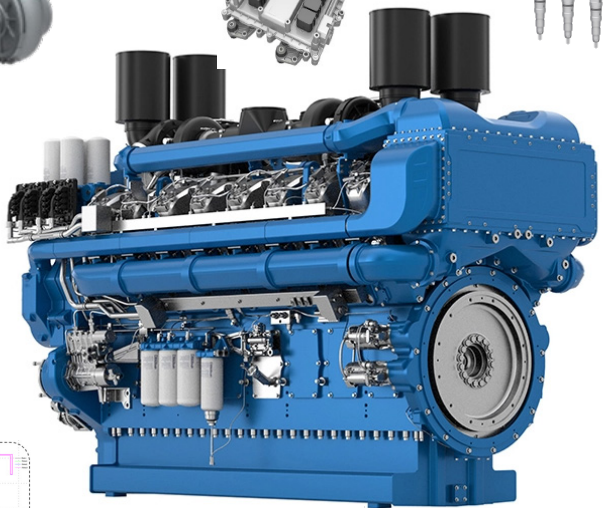


Independent intelligent control system

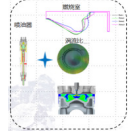


Ultra High Pressure Common Rail System

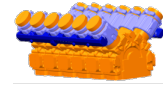




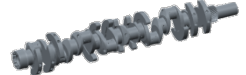
Efficient Combustion



Modular Design



High Strength & Reliability



## LOADING CAPACITY

12M55/2200kW genset load 0% to 55% meet G3 requirements, load 0% - 100% without flame out.

## START CAPACITY

Start time less than 9 seconds.





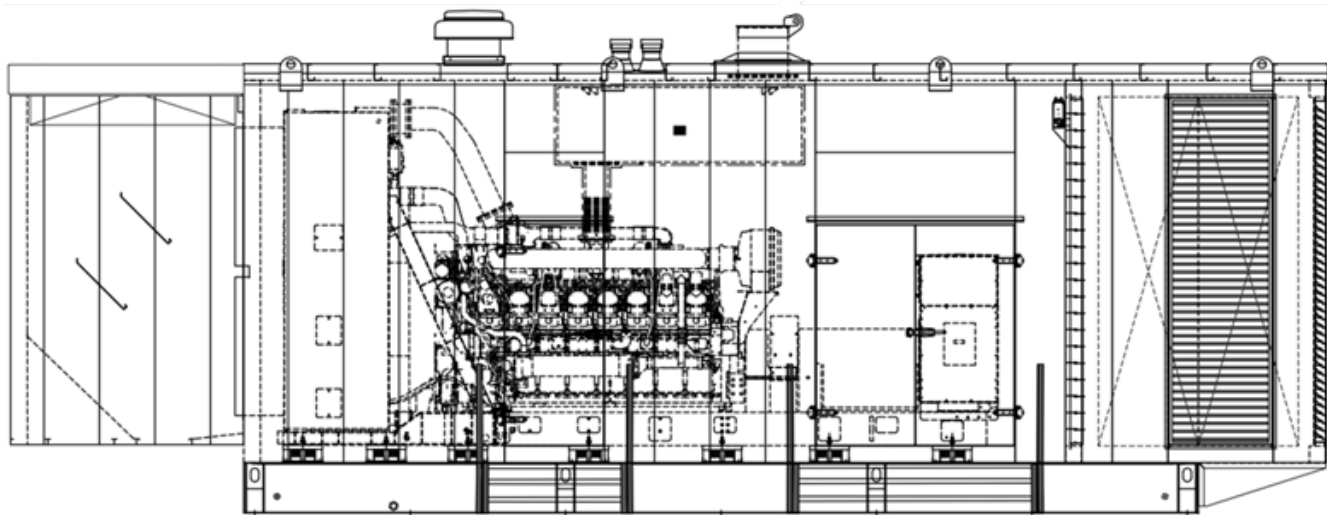


# WALK-IN ENCLOSURES

## Customized Solutions for Every Need

WINCO tailors to your specific needs with our manufacturing and engineering capabilities, from oil fields to data centers.

- Level 1, 2 and 3 galvanealed steel or aluminum.
- Fire-suppression
- Heaters



# Sub-Base Fuel State Tanks

Quality You Can Trust

WINCO's certified fuel tanks are engineered to provide reliable and safe fuel storage for a variety of applications. UL-142 Listed and UL- 2085 Fire Rated, these tanks are built to last and meet stringent safety standards. Designed for durability and ease of use, our tanks are available in both carbon steel and stainless steel with single- wall and double wall configurations.

## Key Features:

### CERTIFIED TANKS

UL-142 Listed and UL-2085 Fire Rated for reliable and safe storage.

### VARIETY OF CONFIGURATIONS

Choose from cylindrical or rectangular, horizontal or vertical tanks, with or without multiple compartments.

### CAPACITY

From 50 gallons to 20,000 gallons; custom sizes available upon request.

### DURABLE CONSTRUCTION

Made from structural steel and coated with urethane enamel paint to prevent leaks and ensure long-lasting performance.

### DOUBLE-WALL TANKS

Ideal for secondary containment of petroleum storage, preventing environmental contamination.

### CUSTOM STATE TANKS

Available for California (CA), New York (NY), Florida (FL), Arizona (AZ), Colorado (CO), Michigan (MI), and Texas (TX).

### HEAVY DUTY PLATE

Tanks feature 3/16" plate steel inner tanks and 1/4" & 3/16" plate steel outer dikes for added strength and safety.

### CONVENIENCE FEATURES

Includes lift lugs for easy lifting and optional remote fuel fill stations for added convenience. Whether your tank needs to be free-standing, single-wall, or sub-base, we can design and fabricate a tank to meet your needs.



# Custom Power Modules & Trailers

## Built for Durability and Flexibility

WINCO's custom power modules and trailers are designed to support your power generation needs with rugged reliability. Whether you need a unit with integrated fuel tanks or a standalone trailer, we can build a solution that's tailored to your specifications. With capacities ranging from 2,000 lbs to 24,000 lbs and beyond, our trailers are built to last.

### Key Features:

#### ROBUST CONSTRUCTION

Built with 1/4" and 3/16" formed channel frame construction for durability.

#### RELIABLE AXLES AND BRAKES

Torflex axles with electric or air brakes ensure smooth transportation.

#### ADJUSTABLE HITCH

Choose from pintle or ball hitches, along with tongue & rear stabilizer jacks for secure towing and positioning.

#### APPROVED FOR TRANSPORT

Our trailers are US DOT and Transport Canada approved, ensuring compliance with national regulations.

#### SAFETY FEATURES

Includes breakaway safety switch, stop, turn, tail lights, and license plate light for secure and legal transport.

#### GENERATOR MOUNTING

Pre-engineered provisions for easy generator mounting.

#### OPTIONAL ADD-ONS

Customize your trailer with options such as access steps, mounted spare tires, and tool boxes for added convenience and functionality



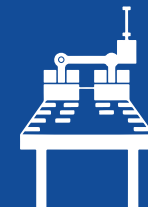
Wiring



Painting



Welding



Assembly



Press Brake Forming



After Sales Support

# WINCO Capabilities

WINCO Custom Generators are designed, engineered, and built in-house. We continuously invest in our factory to stay current with the ever-growing power demands.

## POWER IN QUALITY

Our ability to engineer, design, machine, fabricate, and assemble our units under one roof allows us to maintain a higher standard in quality. Our factory has 17.5 acres of full production capabilities.

## EXPERT SOLUTIONS

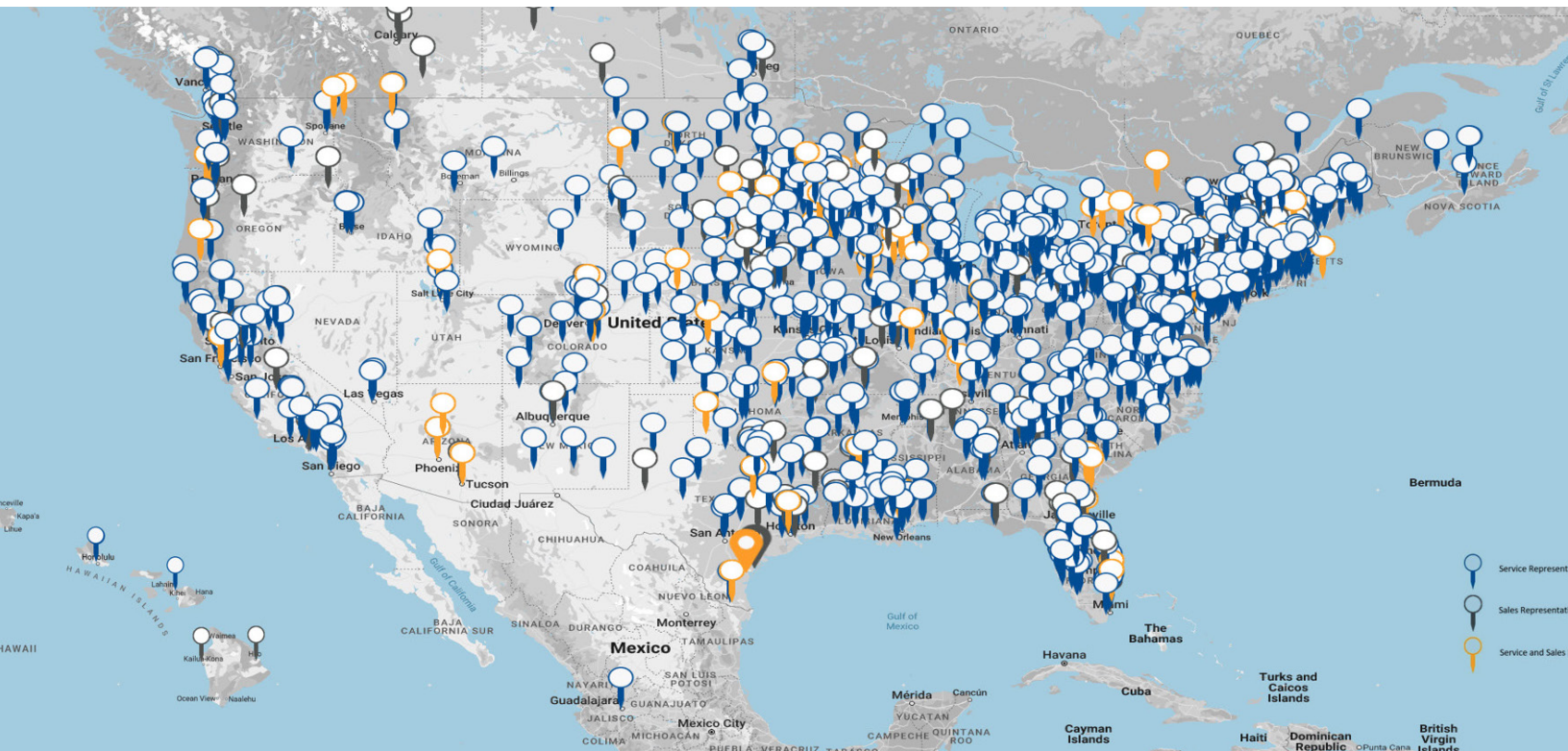
The WINCO support team works directly with customers to create solutions unique to the strictest specifications. We strive to exceed expectations, provide quality power solutions, and on-time delivery.

Contact our knowledgeable team to see how our partnership can provide power to your project.





# WINCO Service Centers



## Maximum Uptime Is Our Goal!

Our service centers across North America are expertly trained in providing critical power maintenance and commissioning services. We carry over \$13 million in parts stock at strategic locations, ensuring that your power systems stay operational.

### PLANNED MAINTENANCE

Create a schedule with our technicians to prevent unplanned downtime and reduce repair costs, ensuring compliance with NFPA 110 codes. WINCO complete maintenance kits are conveniently packed with all necessary components for engine services.

### FAST RESPONSE TIMES

We understand the critical nature of power generation for your business. That's why we offer 24/7 nationwide dispatch services to provide mission-critical support. Ask about our 3 or 6 hour support zones to ensure your system is back up and running in no time.

### RETROFIT & UPGRADES

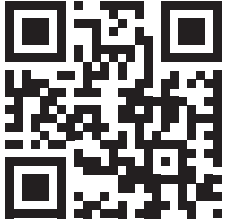
We provide both retrofitting and full system upgrades, replacing or enhancing components to ensure the best performance for your equipment.

### TECHNICAL TRAINING

Become certified in unit commissioning and engine repairs from simple to complex tear-downs and assembly. Hands-on training is offered on-site at our facility in Minnesota or have our technicians come to your site. Contact us for custom training options.







[www.WINCOGEN.com](http://www.WINCOGEN.com)

### Call Us

Sales: 507-357-6821  
Service 507-357-6831

### Email Us

Sales: [sales@wincogen.com](mailto:sales@wincogen.com)  
Service: [service@wincogen.com](mailto:service@wincogen.com)

### Address

225 S Cordova Ave  
Le Center, MN 56057