



MMD
EQUIPMENT™

MOBILE GENERATORS



Mobile Power that's Tough... Yet Quiet.



When you buy MMD Equipment, you get much more.

The cornerstone of a great buying experience is a high-quality product, supported by a world class organization. But to maximize your productivity and income, you need more than just a machine. That's why MMD Equipment is committed to adding value in every aspect of our business relationship. With every MMD Equipment product you purchase we stand behind our **PROVEN PERFORMANCE**, **SERVICE** and **EXPERIENCE**.

POWERPRO™ MOBILE GENERATORS

Durable and portable power that's tough, yet quiet.

MMD Equipment's PowerPro™ mobile generators are engineered to handle the most rugged requirements for construction site or event power. Our mobile generators utilize Delta Demand Excitation™ technology that responds immediately under variable loads. Also, Quietech™ sound reduction makes them quiet enough to provide power for that all-important special event. Because PowerPro™ mobile generators are dependable and easy to operate, they are the right choice for all of your power needs.

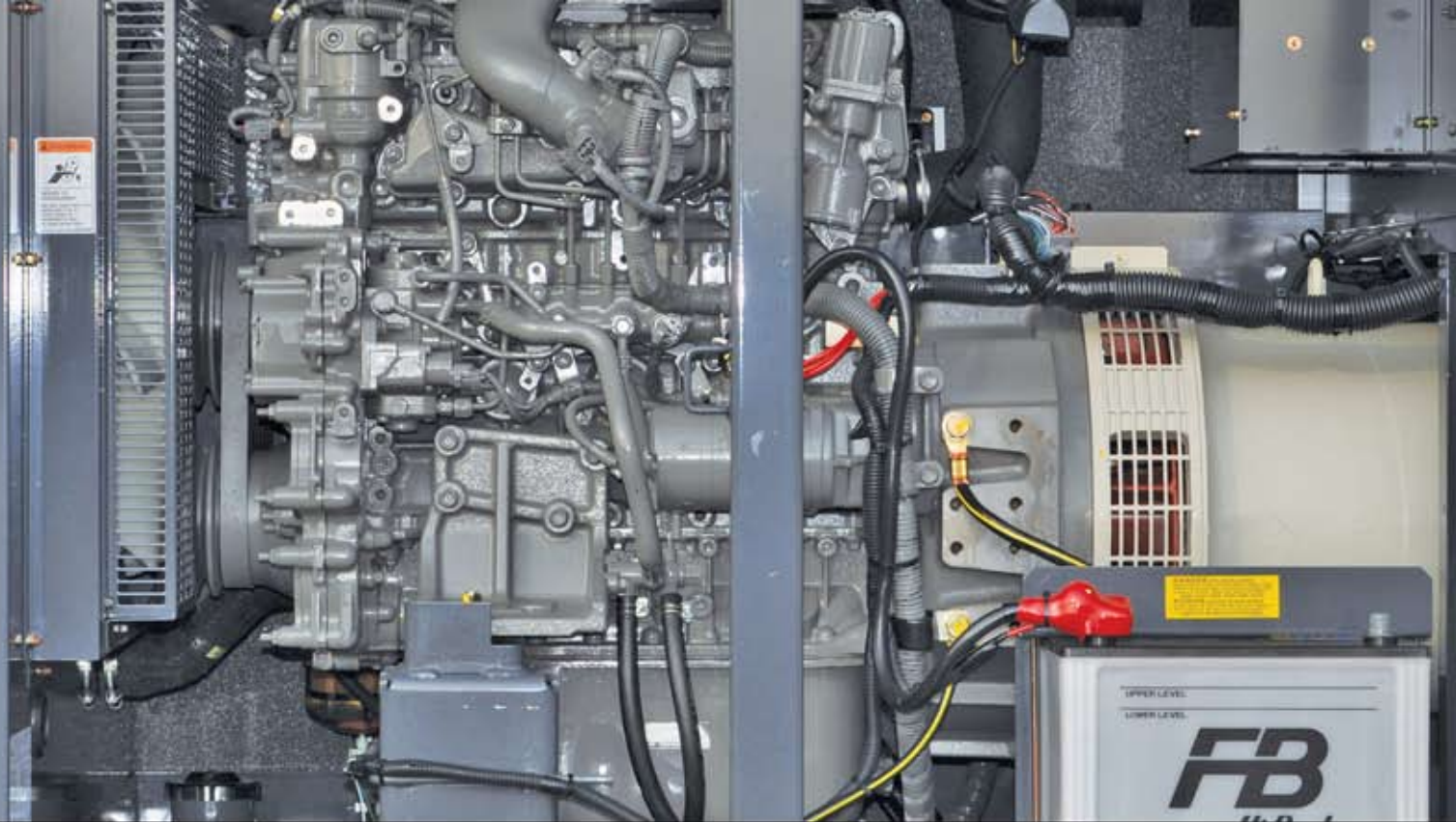
QUIETECH™ SOUND REDUCTION

Quiet acoustics that absorb vibration.

- Frame and housing are built with high-strength materials, and all doors and movable fixtures are engineered to minimize vibration.
- Sound Attenuated Enclosure is designed as an acoustical chamber optimized to reduce sound emissions. The enclosure interior is lined with a special vibration-absorbent, open-cell polymer material to cancel acoustic vibrations. This oil and soil resistant material is bonded to the cabinet walls with a resilient adhesive that enhances its performance.
- The unit's airflow has been engineered to provide proper cooling at an absolute minimum noise level.
- Direct-injection fuel delivery is quieter and easier to maintain. Oversized muffler results in a quiet exhaust.



EFPA pump and dual acrylic "cartridge style" fuel filters.



MMD engines are reliable, compact and durable.

Reliable engines

- Powered by Isuzu or Komatsu diesel engines that are EPA compliant and meet CARB certification.
- Equipped with an Electric Fuel Primer and Air-Bleed (EFPA) Pump. This pump automatically bleeds air from the system without opening the injector lines if the generator runs out of fuel, significantly reducing downtime and maintenance calls.
- Automatic shutdowns offer protection from low oil pressure, overcrank, overspeed and high temperature conditions.
- A restriction indicator eliminates guesswork about when to change the air filter.
- Starting and battery charging systems are either 12 or 24 volts, depending on model.



Compact, durable design

- PowerPro™ machines are compact, yet offer unrestricted access to service components.
- Equipped with external service fluid drains, simplifies preventative maintenance service.
- Sound attenuated, sealed weather enclosures are powder-coated, and all hardware is stainless steel to maintain a fresh look for years. All cabinet doors lock with a common key.
- Off-white cabinet finish minimizes visibility impact in entertainment applications.

ENVIRO 110% Containment

Built with the protection of the surrounding environment in mind, the base "tank within a tank" design will hold all of the fluids from the generator set (engine oil, radiator coolant and fuel) plus an additional 10% capacity, while also providing additional strength and protection.





Delta Demand Excitation™ – Load adjustments automatic!



- Automatically adjusts voltage output instantly when variable loads are applied to the generator.
- System is composed of three interlinked elements: a solid state automatic voltage regulator (AVR) that monitors the power output; an independent power coil that supplies excitation energy; and an excitation coil that induces the generator primary coil to produce more voltage to meet demand.



CONTROL PANEL

- Warning lights and analog gauges (including fuel, tachometer, oil pressure, coolant temperature and charging system amps) provide easy monitoring of engine operations.
- Generator output is controlled by a lockable voltage changeover switch and is monitored by analog gauges measuring volts, amps and frequency.
- Current selector switch, voltage adjuster and main circuit breaker are all protected behind a lockable door. For added safety the Emergency Stop button is located below the door for accessibility at all times.
- Automatic Start-Stop Control provides an easy connection for transfer switch applications and delivers instant backup power to a building's electrical system.
- Provides automatic glow-plug delay and over-crank protection.

CURBSIDE POWER CONNECTIONS

Safer setups and testing for all applications.

- Direct connections are labeled in standard U.S. nomenclature (L1, L2, L3, N) and are guarded by a clear cover that has test meter probe access to each terminal even when the guard is closed, allowing safer setup and testing for all applications.
- GFCI convenience and 50 amp twist lock receptacles are protected with a guard that is secured for safety during operation, yet allows easy access to connections during setup.
- All terminal lugs are 4/0 to handle standard temporary power distribution cables. (except PowerPro 25)



Lynxrite Trailers – designed with a difference.

- Lynxrite trailers provide superior strength with a uni-body design constructed of 1/4" solid steel frame that cradles the generator and adds protection.
- Rubber-cushioned torsion suspension axles provide a smoother ride, reduce vibration to the cargo and lower the center of gravity for better towing balance.
- All tandem axle trailers feature heavy-duty, surge style drum brakes to help ensure immediate speed reduction and trailer stability.
- Lynxrite trailers use cadmium-plated hitches, brake actuators, safety hooks and chains to help deter rust and extend life to the trailer's components.
- The safety hooks and chains are oversized for greater strength and durability.
- All trailers feature long-lasting, sealed LED lighting, providing maximum brightness and visibility and ensuring compliance with existing NATM, NHTSA & DOT regulations.
- The rear bumper is heavy duty and shortened on each end to prevent turning snags.
- Three jack stand mounts are built into every SDG100, SDG125 and SDG150 trailer so that additional jacks may be added for leveling or to facilitate the removal, and/or the replacement of tires.
- Powder-coated finishes, along with integral wiring, offer greater endurance and simplify maintenance.
- A lockable storage box is also included near the front of the trailer for safely housing additional tools and equipment.

Lynxrite PowerPro™ 25 Trailer



Lynxrite PowerPro™ 45/65 Trailers



Lynxrite PowerPro™ 100/125/150 Trailers




PowerPro™ 25

PowerPro™ 45

PowerPro™ 65

GENERATOR SPECIFICATIONS

Generator Type	Taiyo	Taiyo	Taiyo
Armature Connection	Star with Neutral/Zig Zag	Star with Neutral/Zig Zag	Star with Neutral/Zig Zag
Number of Poles	4-Pole	4-Pole	4-Pole
Insulation	Class F	Class F	Class F
Excitation	Brushless with AVR	Brushless with AVR	Brushless with AVR
Voltage Regulation	0.5%	0.5%	0.5%
Power Factor	0.8	0.8	0.8
Frequency	60 HZ	60 HZ	60 HZ
Standby Power	27.5 kVA / 22kW	48.5 kVA / 38.8 kW	67 kVA / 53.6 kW
Prime Power	25 kVA / 20 kW	45 kVA / 36 kW	63 kVA / 50 kW
Voltage Single Phase	120V / 240V / 277 V (Switchable)	120V / 240V / 277 V (Switchable)	120V / 240V / 277 V (Switchable)
Voltage Three Phase	208V / 240V / 416V / 480V (Switchable)	208V / 240V / 416V / 480V (Switchable)	208V / 240V / 416V / 480V (Switchable)

AMPERAGE

Single Phase 120V	60 Amps (L1-N & L3-N)	108 Amps (L1-N & L3-N)	152 Amps (L1-N & L3-N)
Single Phase 240V	60 Amps	108 Amps	152 Amps
Three Phase 208V	65 Amps	119 Amps	167 Amps
Three Phase 240V	60 Amps	108 Amps	152 Amps
Three Phase 480V	30 Amps	54 Amps	76 Amps

ENGINE SPECIFICATIONS

Engine Model	Isuzu 4LE1	Isuzu 4JU1T	Isuzu 4JU1X
EPA Emission Level	Interim Tier 4	Interim Tier 4	Tier 3
Engine Type	4 Cycle, water-cooled swirl chambers	4 Cycle, water-cooled direct injection turbocharged	4 Cycle, water-cooled direct injection turbocharged intercooler
Number of Cylinders	4	4	4
Output @ Rated Speed (1800 rpm)	31.5 HP	57.0 HP	97.8 HP
Governor Type	Mechanical	Electronic	Electronic
Integral Fuel Tank Capacity	50 Gallons	106 Gallons	106 Gallons
Fluid Containment	110%	110%	110%
Lubricating Oil Capacity	2.1 Gallon (8.0 L)	4.0 Gallon (15.0 L)	4.0 Gallon (15.0 L)
Coolant Capacity	1.6 Gallon (6.0 L)	2.7 Gallon (10.1 L)	2.9 Gallon (11.0 L)
Battery	12V x1 12V System	12V x1 12V System	12V x1 12V System

FUEL CONSUMPTION

FULL Load	1.7 gal/hr	2.6 gal/hr	3.6 gal/hr
75% Load	1.3 gal/hr	2.1 gal/hr	2.8 gal/hr
50% Load	1 gal/hr	1.5 gal/hr	2 gal/hr
Run Time @ Full Load	29.4 hrs	40.8 hrs	29.4 hrs

WEIGHTS AND DIMENSIONS

LxWxH without Trailer	67" x 28" x 50"	82" x 39" x 61"	82" x 39" x 61"
Dry Weight	1587 lbs (720 kg)	2735 lbs (1240 kg)	2875 lbs (1305 kg)
Operating Weight (Wet)	1962 lbs (890 kg)	3530 lbs (1600 kg)	3660 lbs (1660 kg)
Sound Level @ 23 Feet (No Load)	62 dbA	65 dbA	63 dbA

LYNXRITE TRAILERS

L x W x H****	119" x 54" x 62"	144" x 70" x 73"	144" x 70" x 73"
Weight	625 lbs (284 kg)	1225 lbs (556 kg)	1225 lbs (556 kg)
GVWR	2950 lbs (1338 kg)	5500 lbs (2494 kg)	5500 lbs (2494 kg)

NOTE: SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

* Standby Power rating is applicable to varying loads for the duration of a power outage. There is no overload capacity for this rating. Ratings are in accordance with ISO-3046/1, BS-5514, AS-2789 and DIN-6271.

** Prime Power ratings apply to installations where utility power is not available or is unreliable. A 10% overload capacity is available for 1 hour out of 12.

*** Units are shipped at 60hz from factory. For 50hz units, please contact MMD Equipment.

**** Height (H) is calculated from ground level to the top of the generator.



PowerPro™ 100

Taiyo
Star with Neutral/Zig Zag
4-Pole
Class F
Brushless with AVR
0.5%
0.8
60 HZ
110 kVA / 88 kW
100 kVA / 80 kW
120V / 240V / 277 V (Switchable)
208V / 240V / 416V / 480V (Switchable)

242 Amps (L1-N & L3-N)
242 Amps
264 Amps
242 Amps
120 Amps

Isuzu 4HK1X
Tier 3
4 Cycle, water-cooled direct injection
turbocharged intercooler
4
152 HP
Electronic
198 Gallons
110%
5.4 Gallon (20.5 L)
5.7 Gallon (21.5 L)
12V x1 12V System

5.9 gal/hr
4.7 gal/hr
3.2 gal/hr
33.6 hrs

100" x 46" x 72"
4619 lbs (2095 kg)
6063 lbs (2750 kg)
64 dbA

196" x 79" x 85"
1650 lbs (748 kg)
9900 lbs (4491 kg)

PowerPro™ 125

Taiyo
Star with Neutral/Zig Zag
4-Pole
Class F
Brushless with AVR
0.5%
0.8
60 HZ
137 kVA / 110 kW
125 kVA / 100 kW
120V / 240V / 277 V (Switchable)
208V / 240V / 416V / 480V (Switchable)

300 Amps (L1-N & L3-N)
300 Amps
328 Amps
300 Amps
150 Amps

Isuzu 4HK1X
Tier 3
4 Cycle, water-cooled direct injection
turbocharged intercooler
4
152 HP
Electronic
198 Gallons
110%
5.4 Gallon (20.5 L)
5.7 Gallon (21.5 L)
12V x1 12V System

7.2 gal/hr
5.8 gal/hr
4 gal/hr
27.5 hrs

100" x 46" x 72"
4729 lbs (2145 kg)
6173 lbs (2800 kg)
65 dbA

196" x 79" x 85"
1650 lbs (748 kg)
9900 lbs (4491 kg)

PowerPro™ 150

Taiyo
Star with Neutral/Zig Zag
4-Pole
Class F
Brushless with AVR
0.5%
0.8
60 HZ
165 kVA / 132 kW
150 kVA / 120 kW
120V / 240V / 277 V (Switchable)
208V / 240V / 416V / 480V (Switchable)

361 Amps (L1-N & L3-N)
361 Amps
394 Amps
361 Amps
180 Amps

Isuzu 6HK1X
Tier 3
4 Cycle, water-cooled direct injection
turbocharged intercooler
6
190.4 HP
Electronic
215 Gallons
110%
10.0 Gallon (38.0 L)
6.7 Gallon (25.5 L)
12V x2 24V System

8.6 gal/hr
6.5 gal/hr
4.7 gal/hr
25.0 hrs

126" x 46" x 72"
6007 lbs (2725 kg)
7628 lbs (3460 kg)
68 dbA

196" x 79" x 85"
1650 lbs (748 kg)
9900 lbs (4491 kg)

PowerPro™ 400

Taiyo
Star with Neutral
4-Pole
Class F
Brushless with AVR
0.5%
0.8
60 HZ
440 kVA / 352 kW
400 kVA / 320 kW
120V
240V / 480V Buss Bar

2-20 Amp Receptacles
3-50 Amp Receptacles
1049 Amps
962 Amps
481 Amps

Komatsu SAA6D140E-5
Tier 3
4 Cycle, water-cooled direct injection
turbocharged intercooler
6
479 HP
Electronic
135 Gallons (585 Gallons with trailer)
N/A
22.2 Gallon (84.0 L)
16.4 Gallon (62.2 L)
12V x2 24V System

23.8 gal/hr
18.6 gal/hr
13 gal/hr
5.7 hrs (24.5 hrs with trailer)

153" x 62" x 92"
13548 lbs (6150 kg)
14760 lbs (6700 kg)
74 dbA

277" x 99" x 133"
5660 lbs (2567 kg)
24000 lbs (10886 kg)

For additional information on the ratings, please contact MMD Equipment. Manufacturer's design and specifications are subject to change without prior notice.

A **Limited Warranty** applies to the Isuzu and Komatsu Engine, Taiyo AC Alternator and Lynxrite Trailers. Please contact MMD Equipment for our complete warranty coverage and terms.



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