



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.

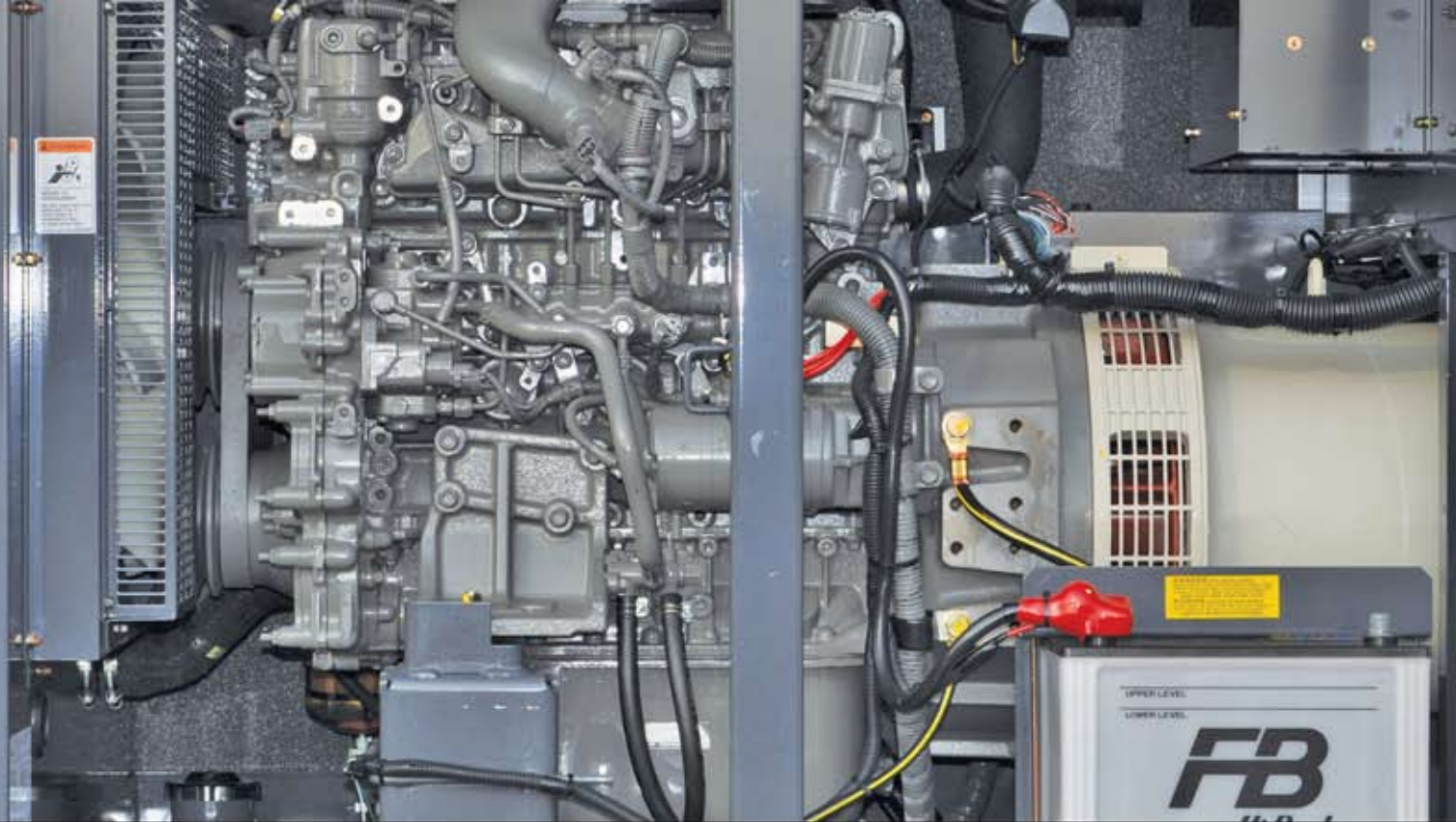
QUIETECH™ SOUND REDUCTION

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

PowerPro™ 125

PowerPro™ 150

PowerPro™ 400

| | | | |
|---|---|---|---|
| Taiyo | Taiyo | Taiyo | Taiyo |
| Star with Neutral/Zig Zag | Star with Neutral/Zig Zag | Star with Neutral/Zig Zag | Star with Neutral |
| 4-Pole | 4-Pole | 4-Pole | 4-Pole |
| Class F | Class F | Class F | Class F |
| Brushless with AVR | Brushless with AVR | Brushless with AVR | Brushless with AVR |
| 0.5% | 0.5% | 0.5% | 0.5% |
| 0.8 | 0.8 | 0.8 | 0.8 |
| 60 HZ | 60 HZ | 60 HZ | 60 HZ |
| 110 kVA / 88 kW | 137 kVA / 110 kW | 165 kVA / 132 kW | 440 kVA / 352 kW |
| 100 kVA / 80 kW | 125 kVA / 100 kW | 150 kVA / 120 kW | 400 kVA / 320 kW |
| 120V / 240V / 277 V (Switchable) | 120V / 240V / 277 V (Switchable) | 120V / 240V / 277 V (Switchable) | 120V |
| 208V / 240V / 416V / 480V (Switchable) | 208V / 240V / 416V / 480V (Switchable) | 208V / 240V / 416V / 480V (Switchable) | 240V / 480V Buss Bar |
| 242 Amps (L1-N & L3-N) | 300 Amps (L1-N & L3-N) | 361 Amps (L1-N & L3-N) | 2-20 Amp Receptacles |
| 242 Amps | 300 Amps | 361 Amps | 3-50 Amp Receptacles |
| 264 Amps | 328 Amps | 394 Amps | 1049 Amps |
| 242 Amps | 300 Amps | 361 Amps | 962 Amps |
| 120 Amps | 150 Amps | 180 Amps | 481 Amps |
| Isuzu 4HK1X | Isuzu 4HK1X | Isuzu 6HK1X | Komatsu SAA6D140E-5 |
| Tier 3 | Tier 3 | Tier 3 | Tier 3 |
| 4 Cycle, water-cooled direct injection turbocharged intercooler | 4 Cycle, water-cooled direct injection turbocharged intercooler | 4 Cycle, water-cooled direct injection turbocharged intercooler | 4 Cycle, water-cooled direct injection turbocharged intercooler |
| 4 | 4 | 6 | 6 |
| 152 HP | 152 HP | 190.4 HP | 479 HP |
| Electronic | Electronic | Electronic | Electronic |
| 198 Gallons | 198 Gallons | 215 Gallons | 135 Gallons (585 Gallons with trailer) |
| 110% | 110% | 110% | N/A |
| 5.4 Gallon (20.5 L) | 5.4 Gallon (20.5 L) | 10.0 Gallon (38.0 L) | 22.2 Gallon (84.0 L) |
| 5.7 Gallon (21.5 L) | 5.7 Gallon (21.5 L) | 6.7 Gallon (25.5 L) | 16.4 Gallon (62.2 L) |
| 12V x1 12V System | 12V x1 12V System | 12V x2 24V System | 12V x2 24V System |
| 5.9 gal/hr | 7.2 gal/hr | 8.6 gal/hr | 23.8 gal/hr |
| 4.7 gal/hr | 5.8 gal/hr | 6.5 gal/hr | 18.6 gal/hr |
| 3.2 gal/hr | 4 gal/hr | 4.7 gal/hr | 13 gal/hr |
| 33.6 hrs | 27.5 hrs | 25.0 hrs | 5.7 hrs (24.5 hrs with trailer) |
| 100" x 46" x 72" | 100" x 46" x 72" | 126" x 46" x 72" | 153" x 62 x 92" |
| 4619 lbs (2095 kg) | 4729 lbs (2145 kg) | 6007 lbs (2725 kg) | 13548 lbs (6150 kg) |
| 6063 lbs (2750 kg) | 6173 lbs (2800 kg) | 7628 lbs (3460 kg) | 14760 lbs (6700 kg) |
| 64 dbA | 65 dbA | 68 dbA | 74 dbA |
| 196" x 79" x 85" | 196" x 79" x 85" | 196" x 79" x 85" | 277" x 99" x 133" |
| 1650 lbs (748 kg) | 1650 lbs (748 kg) | 1650 lbs (748 kg) | 5660 lbs (2567 kg) |
| 9900 lbs (4491 kg) | 9900 lbs (4491 kg) | 9900 lbs (4491 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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