



**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. 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**, **FLEXIBLE FINANCING**, **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**

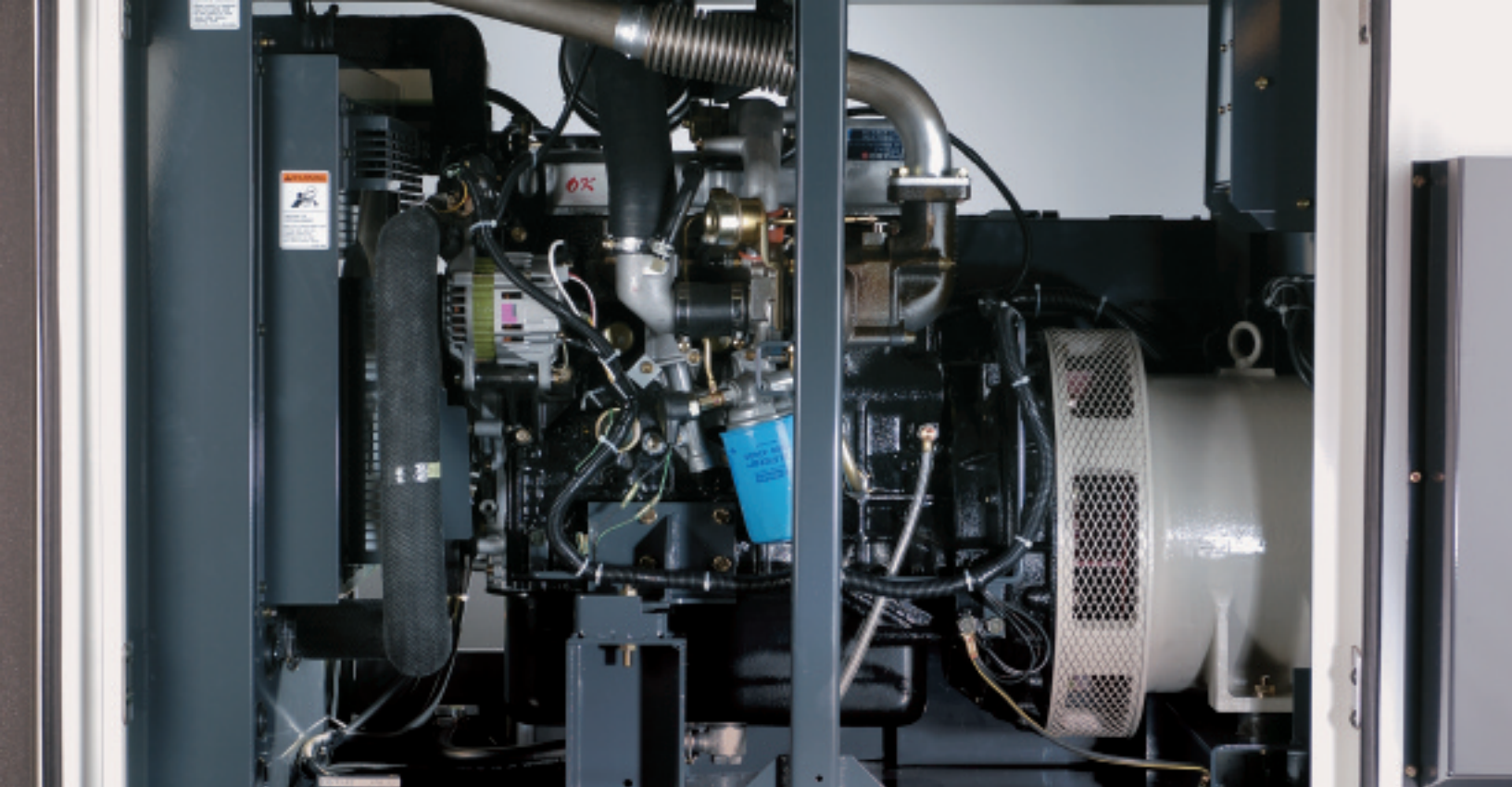
#### *Quiet acoustics that absorb vibration.*

- 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.
- Engine combustion chambers have been shaped to minimize or eliminate diesel clatter. Direct-injection fuel delivery is quieter and easier to maintain. Oversized muffler results in a quiet exhaust.







***MMD engines are reliable, compact and durable.***

### ***Reliable engines***

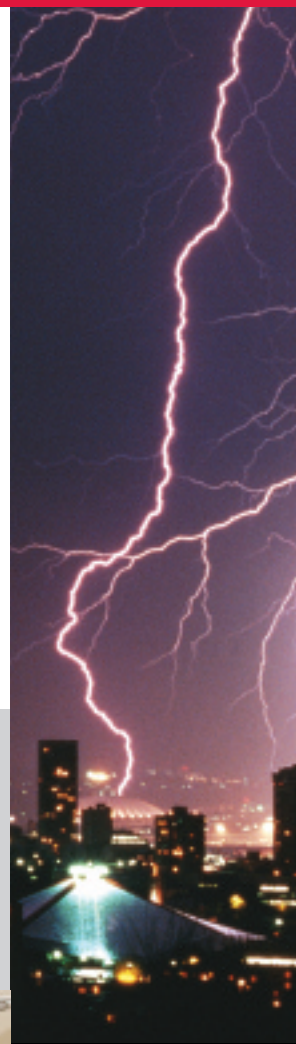
- Powered by Isuzu, Nissan or Volvo diesel engines that are EPA compliant and meet CARB certification.
- ★ Equipped with an Electric Fuel Primer and Air-Bleed (EFPA) Pump. This pump automatically bleeds air from the system without opening the injector lines if the generator runs out of fuel. Significantly reducing downtime and maintenance calls.
- Automatic shutdowns offer protection from low oil pressure 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 weather enclosures are powder-coated, and all hardware is stainless steel to maintain a fresh look for years. All cabinet doors lock with a key.
- Off-white cabinet finish minimizes visibility impact in entertainment applications.

### ***PowerPro™ generators respond when mother nature strikes***

MMD Equipment shipped millions of watts of critical power to support the victims of Hurricane Katrina, as well as the agencies and companies responding to her wrath.



## ***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 of the machine; 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.



### ***Autostart***

- 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 power connections are curbside for convenience and safety in urban applications.

### ***Trailers***

- Single and Tandem axle designs are equipped with fuel tanks. Hydraulic surge brakes are available on Tandem axle models only.
- Each trailer includes a hitch, jack stand, safety chains, steel reinforced fenders and DOT light kit.





*MMD lockable control panels provide easy monitoring of engine operations.*

## LOCKABLE 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.





**PowerPro™ 25**



**PowerPro™ 45**



**PowerPro™ 65**

## POWER

Engine Type	Isuzu AA-4LE1	Nissan 2A-BD30T	Isuzu EE-4BG1T
Generator Type	Taiyo	Taiyo	Taiyo
Standby Power Rating*	22kW/27.5kVA	38.8kW/48.5kVA	53.6kW/67kVA
Single Phase 120V	66 amps (L1-N, L3-N at load)	116 amps (L1-N, L3-N at load)	161 amps (L1-N, L3-N at load)
Single Phase 240V	66 amps	116 amps	161 amps
Three Phase 208V	73 amps	128 amps	177 amps
Three Phase 480V	33 amps	58 amps	81 amps
Prime Power Rating**	20kW/25kVA	36kW/45kVA	50kW/63kVA
Single Phase 120V	60 amps (L1-N, L3-N at load)	108 amps (L1-N, L3-N at load)	152 amps (L1-N, L3-N at load)
Single Phase 240V	60 amps	108 amps	152 amps
Three Phase 208V	67 amps	119 amps	167 amps
Three Phase 480V	30 amps	54 amps	76 amps

## GENERATOR SPECIFICATIONS

Voltage - Three Phase	208, 220, 240, 416, 440, 480V - Switchable	208, 220, 240, 416, 440, 480V - Switchable	208, 220, 240, 416, 440, 480V - Switchable
Voltage - Single Phase	120, 127, 139, 240, 254, 277V - Switchable	120, 127, 139, 240, 254, 277V - Switchable	120, 127, 139, 240, 254, 277V - Switchable
Excitation	Brushless with AVR	Brushless with AVR	Brushless with AVR
Voltage Regulation	0.5% (No Load to Full Load)	0.5% (No Load to Full Load)	0.5% (No Load to Full Load)
Insulation	Class F	Class F	Class F
Power Factor	0.8	0.8	0.8
Frequency	60 hertz	60 hertz	60 hertz
Generator RPM	1,800 rpm	1,800 rpm	1,800 rpm
Standby Output	22kW/27.5kVA (Three Phase), 15.8kW/15.8kVA (Single Phase)	38.8kW/48.5kVA (Three Phase), 28kW/28kVA (Single Phase)	53.6kW/67kVA (Three Phase), 39kW/39kVA (Single Phase)
Prime Output	20kW/25kVA (Three Phase), 14.4kW/14.4kVA (Single Phase)	36kW/45kVA (Three Phase), 26kW/26kVA (Single Phase)	50kW/63kVA (Three Phase), 36.5kW/36.5kVA (Single Phase)
Number of Poles	4	4	4
Armature Connection	Star with Neutral/Zig Zag	Star with Neutral/Zig Zag	Star with Neutral/Zig Zag

## ENGINE SPECIFICATIONS

Engine Design	4-Stroke, 4 Cyl., Water-cooled, Swirl Chamber	4-Stroke, 4 Cyl., Water-Cooled, Direct Injection Turbocharged	4-Stroke, 4 Cyl., Water-Cooled, Direct Injection Turbocharged
Displacement	133 cu in	180 cu in	264 cu in
Bore x Stroke	3.3 x 3.8 in	3.8 x 4.0 in	4.1 x 4.9 in
Horsepower	31.5 hp @ rated speed	58.3 hp @ rated speed	77.7 hp @ rated speed
Fuel Consumption	1.8 gph @ Full Load	2.7 gph @ Full Load	4.0 gph @ Full Load
	1.2 gph @ 75% Load	2.0 gph @ 75% Load	3.0 gph @ 75% Load
	1.0 gph @ 50% Load	1.5 gph @ 50% Load	2.1 gph @ 50% Load
Coolant/Oil Capacity	1.6/2.1	2.9/2.6	4/3.7
Battery/Starting System	12V DC/Electric	12V DC/Electric	24V DC/Electric

## WEIGHT AND DIMENSIONS

Overall L x W x H	67 x 28 x 37 in	74 x 34 x 48 in	82 x 34 x 48 in
Approx. Net Dry Weight	1,355 lbs	2,070 lbs	2,600 lbs
Sound Level - Full Load	64 dB(A) @ 23 ft	60 dB(A) @ 23 ft	63 dB(A) @ 23 ft
Skid Fuel Tank Capacity	17 gal	26 gal	36 gal
Trailer Fuel Tank Capacity	50 gal	100 gal	100 gal

## OPTIONS

Electronic Governor Control	x	x	x
Battery Charger	x	x	x
Camlock Connectors	x	x	x
Engine Block Heater	x	x	x

**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.



## PowerPro™ 100

## PowerPro™ 125

## PowerPro™ 150

Isuzu EE-6BG1T	Volvo TAD720GE	Volvo TAD720GE
Taiyo	Taiyo	Taiyo
84.8kW/106kVA	107kW/134kVA	132kW/165kVA
256 amps (L1-N, L3-N at load)	321 amps (L1-N, L3-N at load)	396 amps (L1-N, L3-N at load)
256 amps	321 amps	396 amps
280 amps	351 amps	433 amps
127 amps	160 amps	198 amps
80kW/100kVA	100kW/125kVA	120kW/150kVA
242 amps (L1-N, L3-N at load)	300 amps (L1-N, L3-N at load)	363 amps (L1-N, L3-N at load)
242 amps	300 amps	363 amps
264 amps	328 amps	394 amps
120 amps	150 amps	180 amps
208, 220, 240, 416, 440, 480V - Switchable	208, 220, 240, 416, 440, 480V - Switchable	208, 220, 240, 416, 440, 480V - Switchable
120, 127, 139, 240, 254, 277V - Switchable	120, 127, 139, 240, 254, 277V - Switchable	120, 127, 139, 240, 254, 277V - Switchable
Brushless with AVR	Brushless with AVR	Brushless with AVR
0.5% (No Load to Full Load)	0.5% (No Load to Full Load)	0.5% (No Load to Full Load)
Class F	Class F	Class F
0.8	0.8	0.8
60 hertz	60 hertz	60 hertz
1,800 rpm	1,800 rpm	1,800 rpm
84.8kW/106kVA (Three Phase), 61.5kW/61.5kVA (Single Phase)	107kW/134kVA (Three Phase), 77kW/77kVA (Single Phase)	132kW/165kVA (Three Phase), 95kW/95kVA (Single Phase)
80kW/100kVA (Three Phase), 58kW/58kVA (Single Phase)	100kW/125kVA (Three Phase), 72kW/72kVA (Single Phase)	120kW/150kVA (Three Phase), 87kW/87kVA (Single Phase)
4	4	4
Star with Neutral/Zig Zag	Star with Neutral/Zig Zag	Star with Neutral/Zig Zag
4-Stroke, 6 Cyl., Water-Cooled, Direct Injection Turbocharged, Air to Air Intercooled	4-Stroke, 6 Cyl., Water-Cooled, Direct Injection Turbocharged, Air to Air Intercooled	4-Stroke, 6 Cyl., Water-Cooled, Direct Injection Turbocharged, Air to Air Intercooled
396 cu in	436 cu in	436 cu in
4.1 x 4.9 in	4.3 x 5.1 in	4.3 x 5.1 in
150.2 hp @ rated speed	190.4 hp @ rated speed	190.4 hp @ rated speed
5.9 gph @ Full Load	6.4 gph @ Full Load	8.7 gph @ Full Load
4.7 gph @ 75% Load	5.1 gph @ 75% Load	6.5 gph @ 75% Load
3.3 gph @ 50% Load	3.9 gph @ 50% Load	4.7 gph @ 50% Load
6.3/5.3	6.7/5.4	6.7/5.4
24V DC/Electric	12V DC/Electric	12V DC/Electric
106 x 46 x 55 in	119 x 46 x 58 in	119 x 46 x 58 in
3,877 lbs	4,805 lbs	5,137 lbs
67 dB(A) @ 23 ft	70 dB(A) @ 23 ft	71 dB(A) @ 23 ft
59.4 gal	66 gal	66 gal
150 gal	150 gal	150 gal
x	Standard	Standard
x	x	x
x	x	x
x	x	x

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 defects that become apparent within the following respective time periods:

- Entire Genset Warranty: 1 Year from the date of purchase.
- Alternator/Generator (Taiyo) Warranty: 2 Years from the date of Purchase.
- Diesel Engine (Isuzu, Nissan & Volvo) Warranty: 5 Years from date of Purchase or 5,000 Hours (whichever occurs first).

Please refer to the complete warranty for details. The limited warranty is subject to change without prior notice.



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