

TM
PowerPro



Mobile Generator Catalog



Rugged • Quiet • Fuel Efficient

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 generators are dependable and easy to operate, they are the right choice for all of your power needs.



Curbside Power Connections — safer setup 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).



PowerPro™ Mobile Generators

MMD Engines are reliable, compact and durable.

- Powered by Isuzu and Kubota diesel engines that are EPA compliant and meet CARB certification.
- Hybrid dual fuel and parallel options — call for details.
- External fuel valve for extended runtime — standard feature for easy connection of an external fuel tank.
- 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 volt, depending on model.



Quietech Sound Reduction

Quiet acoustics that absorb vibration

- Frame and housing are built with high-strength materials, and all doors and moveable 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.



Control Panel

- Warning lights and analog gauges (including fuel, tachometer, oil pressure, coolant temperature and charging system) provide easy monitoring of engine operations.
- Generator output is controlled by a lockable voltage changeover switch and is monitored by analog gauges measuring voltage, amperage, 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.
- Provides automatic glow-plug delay and over-crank protection.



- Automatic Start-Stop Control provides an easy connection for transfer switch applications and delivers instant backup power to a building's electrical system.



PowerPro 25
25 kVA Prime Power
Tier 4 Isuzu Diesel Engine



PowerPro 40
38 kVA Prime Power
Interim Tier 4 Kubota Diesel Engine



PowerPro 45
45 kVA Prime Power
Tier 4 Isuzu Diesel Engine

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.



PowerPro™ Mobile Generators

Delta Demand Excitation™ — Automatic load adjustments

- Automatically and immediately adjusts voltage output 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.

Zero Load Technology

This innovative feature enables selected Tier 4 units to increase time between regeneration cycles on lighter loads, while extending diesel particular filtration cleaning intervals.

- Zero light load problems
- Zero DPF shutdowns
- Zero power loss
- Extended DPF cleaning intervals
- Tier 3 engine performance from a T4 generator

ØLT
ZERO LOAD
TECHNOLOGY



PowerPro 65
65 kVA Prime Power
Interim Tier 4 Kubota Diesel Engine



PowerPro 125
125 kVA Prime Power
Tier 3 Flex Isuzu Diesel Engine



PowerPro 150
150 kVA Prime Power
Tier 3 Flex Isuzu Diesel Engine

Lynxrite Trailers — built for the road; designed with a difference.

Powder-coated finishes, along with integral wiring, offer greater endurance and simplify maintenance.

Heavy-duty fenders stop rain, snow and ice from getting into the receptacle area.

Heavy-duty rear bumper, shortened on each end to prevent turning snags.

All tandem axle trailers feature heavy-duty surge style drum brakes to help ensure immediate speed reduction and trailer stability.

Superior strength with a uni-body design constructed of 1/4" solid steel 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.

Three jack stand mounts are built into every SDG125 and SDG150 trailer so that additional jacks may be added for leveling or to facilitate the removal and/or the replacement of tires.

Cadmium-plated hitches, brake actuators, safety hooks and chains to help deter rust and extend life to the trailer's components.

A lockable storage box is also included near the front of the trailer for safely housing additional tools and equipment.



All trailers feature long-lasting sealed LED lighting, providing maximum brightness and visibility and ensuring compliance with existing NATM, NHTSA and DOT regulations.



Oversized safety hooks and chains for greater strength and durability.

PowerPro™ Mobile Generators

Specifications

	PowerPro 25	PowerPro 40	PowerPro 45	PowerPro 65	PowerPro 125	PowerPro 150
Model	SDG25S-8E1	SDG40S-8B1	SDG45S-8E1	SDG65S-8C1	SDG125S-8B1	SDG150S-8B1
GENERATOR SPECIFICATIONS						
Generator Type	Airman	Taiyo	Airman	Airman	Taiyo	Taiyo
Armature Connection	Star with Neutral/Zig Zag					
No. of Poles	4-Pole					
Insulation	Class F					
Excitation	Brushless with AVR					
Voltage Regulation	0.5%					
Power Factor	0.8					
Frequency	60 Hz / 50 Hz					
Standby Power	27.5 kVA / 22 kW	39 kVA / 31.2 kW	48.5 kVA / 38.8 kW	67 kVA / 53.6 kW	137 kVA / 110 kW	165 kVA / 132 kW
Prime Power	25 kVA / 20 kW	38 kVA / 30.4 kW	45 kVA / 36 kW	63 kVA / 50 kW	125 kVA / 100 kW	150 kVA / 120 kW
Voltage Single Phase	120V / 240V / 277V (Switchable)					
Voltage Three Phase	208V / 240V / 416V / 480V (Switchable)					
AMPERAGE						
Single Phase 120V	60 Amp x 2	91.4 Amp x 2	108 Amp x 2	152 Amp x 2	300 Amp x 2	361 Amp x 2
Single Phase 240V	60 Amp	91.4 Amp	108 Amp	152 Amp	300 Amp	361 Amp
Three Phase 208V	60 Amp	105.5 Amp	119 Amp	167 Amp	328 Amp	394 Amp
Three Phase 240V	60 Amp	91.4 Amp	108 Amp	152 Amp	300 Amp	361 Amp
Three Phase 480V	30 Amp	45.7 Amp	54 Amp	76 Amp	150 Amp	180 Amp
ENGINE SPECIFICATIONS						
Engine Model	Isuzu 4LE2T	Kubota V3300	Isuzu 4LE2X	Kubota V3800	Isuzu 4HK1X	Isuzu 6HK1X
EPA Emission Level	Tier 4	Interim Tier 4	Tier 4	Interim Tier 4	Tier 3 Flex	Tier 3 Flex
Engine Type	4-Cycle, water-cooled direct injection turbocharged	4-Cycle, water-cooled swirl chambers	4-Cycle, water-cooled, direct injection turbocharged	4-Cycle, water-cooled, direct injection	4-Cycle, water-cooled, direct injection turbocharged intercooler	
Number of Cylinders	4	4	4	4	4	6
Output @ Rated Speed (1800 rpm)	33.3 HP	46.8 HP	59.0 HP	89.5 HP	152.0 HP	190.4 HP
Governor Type	Electronic					
Integral Fuel Tank Capacity	51.5 gal.	106 gal.	106 gal.	106 gal.	198 gal.	215 gal.
Fuel Containment	110%					
Lubricating Oil Capacity	2.7 gal. (10.4 L)	3.4 gal. (13.2 L)	3.1 gal. (11.7 L)	3.5 gal. (13.2 L)	5.4 gal. (20.5 L)	10.0 gal. (38.0 L)
Coolant Capacity	2.7 gal. (10.4 L)	2.4 gal. (9.0 L)	2.5 gal. (9.5 L)	2.9 gal. (11.0 L)	5.7 gal. (21.5 L)	6.7 gal. (25.5 L)
Battery	12V x 1 12V System					12V x 2 24V System
FUEL CONSUMPTION						
FULL Load	1.6 gal./hr.	2.6 gal./hr.	2.8 gal./hr.	3.8 gal./hr.	7.2 gal./hr.	8.6 gal./hr.
75% Load	1.3 gal./hr.	1.9 gal./hr.	2.1 gal./hr.	2.9 gal./hr.	5.8 gal./hr.	6.5 gal./hr.
50% Load	1.0 gal./hr.	1.4 gal./hr.	1.5 gal./hr.	2.1 gal./hr.	4.0 gal./hr.	4.7 gal./hr.
Run Time @ Full Load	32.1 hr.	40.8 hr.	37.8 hr.	27.8 hr.	27.5 hr.	25.0 hr.
WEIGHTS AND DIMENSIONS						
LxWxH without Trailer	67" x 31" x 55"	82" x 39" x 61"	82" x 38" x 61"	82" x 39" x 61"	100" x 46" x 72"	126" x 46" x 72"
Dry Weight	1806 lb. (820 kg)	2555 lb. (1160 kg)	2606 lb. (1180 kg)	2800 lb. (1270 kg)	4729 lb. (2145 kg)	6007 lb. (2725 kg)
Operating Weight (Wet)	2205 lb. (1000 kg)	3325 lb. (1510 kg)	3374 lb. (1530 kg)	3570 lb. (17060 kg)	6173 lb. (2800 kg)	7628 lb. (3460 kg)
Sound Level @ 23 Feet (No/Full Load)	63/63 dBA	60/61 dBA	57/64 dBA	65/65 dBA	65/67 dBA	68/71 dBA
LYNXRITE TRAILERS						
LxWxH in. *	119" x 54" x 62"	144" x 70" x 73"	144" x 70" x 73"	144" x 70" x 73"	196" x 79" x 85"	196" x 79" x 85"
Weight	625 lb. (284 kg)	1225 lb. (556 kg)	1225 lb. (556 kg)	1225 lb. (556 kg)	1650 lb. (748 kg)	1650 lb. (748 kg)
GVWR	2950 lb. (1338 kg)	5500 lb. (2494 kg)	5500 lb. (2494 kg)	5500 lb. (2494 kg)	9900 lb. (4491 kg)	9900 lb. (4491 kg)

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

Features and specifications are subject to change without notice.



MMD
EQUIPMENT

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