

CAPS POWEROL DIESEL GENERATORS

8 to 40 kVA Prime Power
10 to 44 kVA Standby Power



COMPLETE AIR
& POWER SOLUTIONS



BENEFITS & FEATURES

CANOPY

- Sound Attenuation canopy that keeping noise to 75 dBA @ 1 metre.
- Robust steel construction suitable for external placement.
- External emergency stop button.
- Fuel and battery access inside the lockable canopy
- Lifting provisions via frame hooks. Central lifting also available.
- Internal cabinet lighting.



ENGINE

- Operates at 1500 rpm, direct injection 4-stroke diesel. Water-cooled with radiator available.
- Electronic governor to maintain a constant engine speed across all load conditions.
- Steel Skid mounted. Anti-vibration mounts between the frame and engine/alternator.
- Mechanical compliant with ISO3046 Class A1 and ISO8528 pt.5, Class G2 governing
- Efficient air filtration system. Dry type Donaldson Air filter with restriction indicator having filtration efficiency of 99.9%.
- Full flow spin on type oil filter.
- 12V electrical starter & battery charging alternator.
- Designed to perform in hot, humid & dusty conditions.



ENGINE & CANOPY

BENEFITS

- Fuel efficient engines utilising 'Diesel Efficiency Technology'
- Durable Mahindra engine ensuring long-lasting and dependable performance
- Optimised power to weight ratio leading to a smaller engine footprint
- Minimal vibrations and noise
- Spare parts available in Australia throughout CAPS's network
- Servicing support via CAPS' technicians covering all of Australia

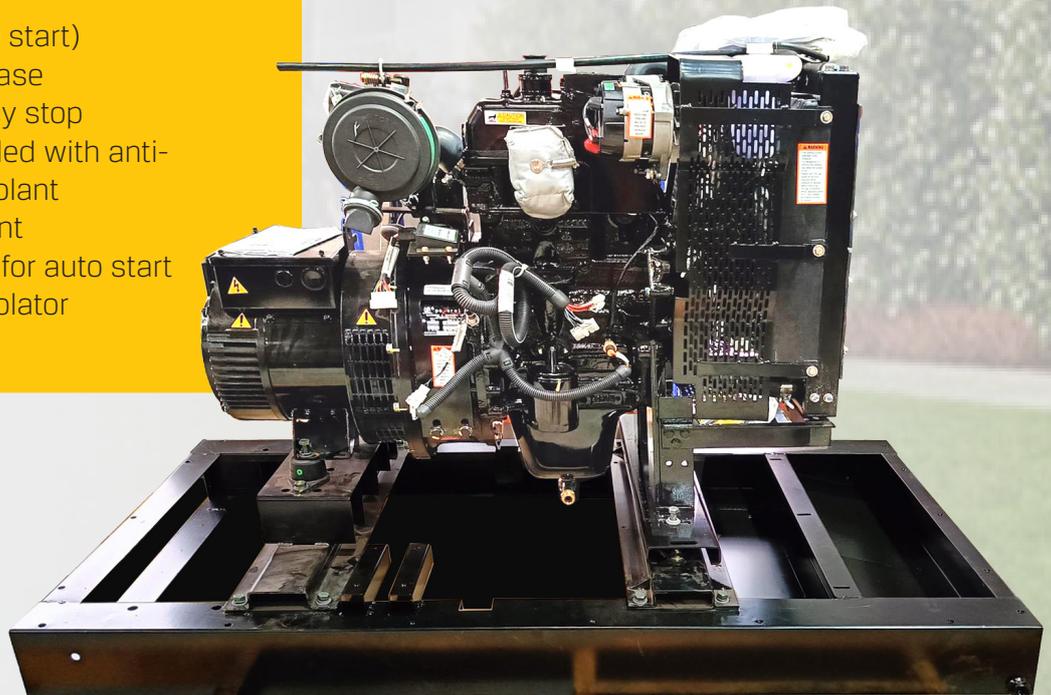
FEATURES

- Quality, soundproof canopies also designed to provide efficient engine and alternator cooling.
- Compliance with current environmental standards.
- Clear visual alerts enhancing safety for operators.
- Flame-resistant foam paired with heat-resistant Rockwool insulation to improve sound dampening.
- Interior-placed 'residential' silencer for further noise reduction, segregated in the hot chamber, isolating it from other components to enhance longevity.
- Air discharge provision at top for further sound reduction.
- Options for remote monitoring available
- Internally placed diesel filling cap for enhanced security.



EACH UNIT INCLUDES THE FOLLOWING:

- Canopy (unless shown as an open set)
- 4P Breaker
- Deep Sea DSE120 MKII Controller (with auto start)
- Bunded base
- Emergency stop
- Factory filled with anti-freeze/coolant
- Lifting point
- Pre-wired for auto start
- Battery isolator



TECHNICAL SPECIFICATIONS

SINGLE PHASE 230V

CAPS Model	CP10S-MM1	CP15S-MM1	CP20S-MM1	CP25S-MM1
Mahindra Model	DG10.MCP.1PH	DG15.MCP.1PH	DG20.MCP.1PH	DG25.MCP.1PH
Prime power rating (kVA) (kW?)	8	12	16	20.9
Standby power rating (kVA)	8.8	13.2	17.6	23
Voltage (V)	230	230	230	230
Frequency (Hz)	50	50	50	50
Engine make	Mahindra			
Engine model	2185 GM C2	3255 GM C2	3335TC GM C2	3385TCI GM C2
Alternator model	LSAP40.C2	LSAP42.3A	LSAP42.3A	LSAP42.3F
Noise level (dB(A) @ 7m)	68	68	68	68
Fuel tank capacity (litres) (bundled?)	55	55	75	75
Autonomy (hours @ 75% load) (Run time?)	20.6	16.5	18.8	14.4
Control panel	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 1800	L. 1800	L. 2000	L. 2000
	W. 900	W. 900	W. 980	W. 980
	H. 1300	H. 1300	H. 1285	H. 1285
Dry weight enclosed (kgs)	690	740	800	840

Specifications subject to change

TECHNICAL SPECIFICATIONS

THREE PHASE 400V

CAPS Model	CP10-MM1	CP15-MM1	CP20-MM1	CP25-MM1	CP30-MM1	CP40-MM1
Mahindra Model	DG10. MCP.3PH	DG15. MCP.3PH	DG20. MCP.3PH	DG25. MCP.3PH	DG30. MCP.3PH	DG40. MCP.3PH
Prime power rating (kVA)	10	15	20	25	30	40
Standby power rating (kVA)	11	16.5	22	27.5	33	44
Voltage (V)	400	400	400	400	400	400
Frequency (Hz)	50	50	50	50	50	50
Engine make	Mahindra					
Engine model	2185 GM C2	3255 GM C2	3335TC GM C2	3385TCI GM C2	3445TC GM C2	4575TCI GM C2
Alternator model	LSAP40.C2	LSAP40.E	LSAP40.H	LSAP42.3H	LSAP42.3C	LSAP42.3F
Noise level (dB(A) @ 1m) Canopy? 1 or 7?	68	68	68	68	68	68
Fuel tank capacity (litres) Base tank?	55	55	75	75	115	115
Autonomy (hours @ 75% load) Run time?	20.6	16.5	18.8	14.4	18.2	14.2
Control panel	APM303	APM303	APM303	APM303	APM303	APM303
Dimensions enclosed (mm)	L. 1800 W. 900 H. 1300	L. 1800 W. 900 H. 1300	L. 2000 W. 980 H. 1285	L. 2000 W. 980 H. 1285	L. 2500 W. 1030 H. 1376	L. 2500 W. 1030 H. 1376
Dry weight enclosed (kgs)	690	740	800	840	950	1000

Specifications subject to change

ALTERNATOR & CONTROLLER

ALTERNATOR

- Leroy Somer manufactured: 3-phase, 4-wire, 415 V 50 Hz brushless alternator with IP23 protection.
- Self excited, AVR (Automatic voltage regulator) controlled and screen protected. 1.0% rated voltage regulation.
- Isochronous under varying load from no load to 100% full load. Random frequency variation shall not exceed $\pm 0.4\%$ of its mean value for constant loads – no load to full load.
- Total harmonic distortion less than 5% at full load AC waveform.
- Class H insulation with temperature rise of 125 C over ambient of 40 C.
- Cooling fan mounted on shaft.



CONTROLLER

- Employs a reliable microprocessor-based Deep Sea controller.



Every set is accompanied by:

- An Operation & Maintenance Manual.
- Electrical diagrams

24/7 RAPID RESPONSE NATIONWIDE SUPPORT

10 BRANCHES SERVICING ALL AUSTRALIA



AUSTRALIA WIDE

With our extensive network of branches and regional service locations, CAPS can service anywhere in Australia.

From the metro area through to a remote mine-site, we have you covered with experts located all around Australia.

SPARE PARTS

A complete range of spare parts and accessories to help you get the most out of your industrial equipment.



HIGHLY TRAINED TECHNICIANS

Enjoy the peace of mind of having an expert at your doorstep. **Their knowledge is continually updated**, and they have the model by model knowledge to fix your generator first time, every time.

Whether you have one generator or have complex systems with multiple pieces of equipment, **our technicians will give you the advice you need to ensure continuous operation.**

PREVENTATIVE MAINTENANCE

We're always aiming to help you to **reduce operating costs and interruptions to your production.** Our factory-authorised programs include routine inspections, condition monitoring and the use of sophisticated diagnostic equipment to identify any potential problems before they impact you.

SAFETY COMPLIANCE

Safety is a core value of CAPS and our goal is never to put people, plant or the environment at risk. You can be confident that our technicians will be **completely compliant to any site specific safety requirements** you have.

NATIONAL HIRE



LONG TERM AND SHORT TERM HIRE AVAILABLE

At CAPS, we have a large range of equipment that's suitable for every kind of project.

CAPS check their equipment before every hire to ensure the highest standard of safety and service. When you hire through CAPS you are speaking to experts who can assist you with selecting the right equipment for the job every time.

Hire and you protect your staff, control your costs, avoid depreciation, maintenance and borrowing expenses.

CORE PRODUCTS

AIR COMPRESSORS

ROTARY SCREW



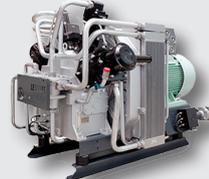
PORTABLE DIESEL



OIL FREE



HIGH PRESS. RECIPS.



SMALL RECIPS.



AIR BLOWERS

ROTARY LOBE



CENTRIFUGAL



GAS GENERATORS & COMPRESSORS

NITROGEN



OXYGEN



OTHER GASES



AIR TREATMENT

AIR DRYERS



AIR RECEIVERS



FILTRATION



TOOLS & MATERIAL HANDLING

TORQUE CONTROL



WINCHES & HOISTS



POWER GENERATION & RENEWABLES

STANDBY



PRIME



BATTERY STORAGE



SOLAR



ONLINE SHOPPING

CAPSSHOP.COM.AU

If you are looking for spare parts or tools for your air and power equipment, visit our online shop.



SOLVING YOUR AIR AND POWER CHALLENGES

KOHLER POWER GENERATORS

Inquiries: 1800 800 878

Service & 24/7 Support: 1800 802 697

Website: caps.com.au

Shop: capsshop.com.au

Email: info@caps.com.au

BRANCH LOCATIONS

PERTH (HEAD OFFICE) | ADELAIDE | BRISBANE | DARWIN | KALGOORLIE | LAUNCESTON
MACKAY | MELBOURNE | NEWCASTLE | SYDNEY

INTERNATIONAL

MALAYSIA | GHANA



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