

# CP25-MM1 (DG25.MCP.3PH)

powerol  
BY mahindra



- Mahindra industrial-grade engine
- Super quiet with strong acoustic outdoor enclosure
- Deepsea controller with remote auto start/stop function
- Leroy Somer alternator with 300% overload capability
- 12 month / 1200hr warranty with nationwide service

## POWEROL BY MAHINDRA

Since 1948, Mahindra has been a major global supplier of diesel-powered equipment including 4WD and SUV vehicles, and today is the world's largest tractor manufacturer. The company has manufactured generators since 2001, producing over 600 000 units since.

The Mahindra range includes both single and three phase models from 5kVA through to 625kVA. They are ideal for commercial and industrial standby power or as a primary power source.

### 50HZ - THREE PHASE - WATER-COOLED

Standby Power	(kVA)	27.5
	(kW)	22.0
	(A)	38.3
Prime Power	(kVA)	25.0
	(kW)	20.0
	(A)	35.0
Tank Size (L)		75
Noise (dB(A) @7m)		68
Weight (kg)		840
Dimensions LxWxH (mm)		2000 x 980 x 1285

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# ENGINE DATA



The compact, water-cooled design of the Mahindra engine offers fuel efficiency as well as lower noise and vibration levels. Generate peace of mind with seamless switchover and voltage control to ensure continuity of production and the safety of your equipment.

<b>Manufacturer</b>	MAHINDRA
<b>Model</b>	3385TCI GM C2
<b>Cylinder Configuration</b>	INLINE
<b>N° of Cylinders</b>	3
<b>Displacement (cc)</b>	1891
<b>Aspiration</b>	TURBO
<b>Governor Type</b>	MECHANICAL/A1
<b>Speed (RPM)</b>	1500
<b>Voltage (V)</b>	12
<b>Fuel Oil</b>	DIESEL
<b>Fuel Consumption %100 PRP (L/H)</b>	6.2
<b>Fuel Consumption %75 PRP (L/H)</b>	4.7
<b>Injection Fuel Pump Make</b>	MICO
<b>Coolant Type</b>	BASF GLYSANTIN
<b>Coolant Capacity (l)</b>	9.0
<b>Lubrication Oil Type</b>	SAE 15W40 CH4
<b>Lubrication Oil Capacity (l)</b>	7.0
<b>Lubrication Oil Change Interval (hours)</b>	300
<b>Lubrication Oil Filter</b>	Spin on type with paper element

# ALTERNATOR DATA



Mahindra generators use industry-best Leroy Somer alternators offering better motor starting capability, higher power density and superior thermal life. Brushless and self-exciting with AVR regulation, Leroy Somer alternators are manufactured to the highest quality for productivity and durability.

<b>Manufacturer</b>	LEROY-SOMER
<b>Model</b>	LSAP42.3B
<b>N° of Phases</b>	3
<b>Power Factor</b>	0.8
<b>N° of Poles</b>	4
<b>Voltage Regulation (Steady State)</b>	± 1%
<b>Insulation Class</b>	H
<b>Degree of Protection</b>	IP 23
<b>Excitation System</b>	AREP
<b>Sustained Short-Circuit Current</b>	300% of FLC for 10s
<b>Total Harmonic Distortion</b>	< 5%
<b>Frequency (Hz)</b>	50
<b>Voltage Output (V)</b>	400

# CONTROL PANEL

CAPS Generators come with the latest Deep Sea Electronics auto control, ensuring suitability for both manual and automatic (mains monitoring operation). When the DSE control identifies a break in mains supply, the generator starts automatically.

## FUNCTIONS

- AMF unit (auto start on mains failure)
- Back-lit LCD text display
- Five key menu navigation
- Fully configurable via the fascia or PC via USB port
- Remote start capability
- Manual start capability
- Hour meter
- Generator/load power monitoring
- Configurable maintenance alarms
- 7 configurable inputs
- 4 configurable DC outputs
- Real-time clock provides accurate event logging
- Battery voltage monitoring
- Engine controller



## PROTECTION FEATURES

### ENGINE ALERTS

- High water temperature
- Low oil pressure
- Low fuel level

### ELECTRICAL ALERTS

- Under/over voltage
- Under/over frequency
- Over current
- kW overload

Please note: Technical specifications are subject to change without prior notice.

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