

# CEL

# Silent GENSET



**GENSET FOR ALL PURPOSE**

European Technology Engine manufactured under Technical License of VM Motori S.p.A., ITALY

# CEL Silent GENSET

## TECHNICAL SPECIFICATIONS:

### ENGINE

Engine Model	: 188G
Type	: Naturally Aspirated, DI Diesel
No. of Cylinders	: One
Cubic Capacity	: 499 cc
Rated Power (ISO-3046)	: 6.5 kW @ 3000 RPM
Bore X Stroke (mm)	: 88 X 82
Cooling	: Oil Cooled with Forced Air
Torque	: 20.5 Nm @ 3000 RPM
Governing Class	: A1 (as per BS 5514)
Direction of Rotation	: Anticlockwise from Timing Cover side
Starting	: Electric Start
Oil Engine capacity	: 2.2 Ltrs.
Oil Change interval	: 250 Hrs.
Fuel Tank Capacity	: 50 Ltrs. (Std.)
Battery Rating	: 12V 35Amp Hr.

### GENERATOR MODELS

Model	4500-01	5000-01	5500-03
Make	Sincro / NSM	Sincro / NSM	Sincro / NSM
Rating	4.5 kVA	5.0 kVA	5.5 kVA
Power Factor	1.0 pf	0.8 pf	0.8 pf
Phase	Single	Single	Three
Rated Current	19.1 Amp	17.4 Amp	6.1 Amp
Rated Voltage	230V, 50Hz	230V, 50Hz	415V, 50Hz
Voltage Regulation	AVR / w/o AVR	AVR / w/o AVR	w/o AVR
Battery Charger	Inbuilt, 12V/10A	Inbuilt, 12V/10A	Inbuilt, 12V/10A
Protection Class	IP21	IP21	IP21
Insulation Class	H	H	H
Mounting on Engine	C23.1.5 Taper Cone	C23.1.5 Taper Cone	C23.1.5 Taper Cone

### CANOPY

Dimensions (LxWxH)	: 1350 x 800 x 980 (mm)
Noise level	: <75 dBA (1 m)
Total wt.	: 355 Kgs

### SALIENT FEATURES:

- ★ High performance, compact, European Technology, oil cooled Diesel Engine (DI) under manufacturing license of VM Motori S.p.A., ITALY
- ★ Light weight (portable)
- ★ Self voltage regulation (+5%, -10%) (Brushless)
- ★ Suited to global environment
- ★ Alternator directly mounted on Engine without any coupling

### OPTIONAL EQUIPMENTS:

- ★ Auto Start
- ★ Emergency Buzzer
- ★ Fuel Gauge
- ★ Inbuilt electronic AVR

Note: Specifications are subject to change

## PRODUCT APPLICATIONS (in running watts):

Electrical Appliances	Approx. Load	Option-1	Option-2	Option-3
Air Conditioner 1.5 Ton	1850 W	✓	✗	✗
Air Conditioner 1.0 Ton	1250 W	✗	✓	✗
Air Conditioner 0.75 Ton	900 W	✗	✓	✓
Tube Lights (4 Nos.)	4 x 40 W	✓	✓	✓
CF Lamps (5 Nos.)	5 x 15 W	✓	✓	✓
Television	250 W	✓	✓	✓
Fan (3 Nos.)	3 x 75 W	✓	✓	✓
Refrigerator (165 Ltrs.)	250 W	✓	✓	✓
Washing Machine or Iron or Micro Wave	750 W	✓	✓	✓
Mixer cum Grinder or Computer	250 W	✓	✓	✓
Water Heater	1000 W	✗	✗	✓

### Note:

- ★ The above data is indicative only. Check specific wattage of the appliance you are using.
- ★ For starting / re-starting AC & Refrigerator, a time gap of 3 minutes is required.
- ★ Warranty 1 year or 2500 Hrs. which ever is earlier
- ★ Total Load of various appliances must be less than rated output of the Genset.
- ★ The starting current for Inductive load of the Products depends on the make/brand.

## CONTINENTAL ENGINES LIMITED

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