

POWER THAT ENDURES THE TOUGHEST CONDITION



Superior
Technology



4 valve
Technology



Higher
Block Load



CPCB IV+

Technical Specifications:

		30KVA	45KVA	60KVA	82.5KVA	100KVA	125KVA	160KVA
Engine		E483	E483	E483	E494	E494	E694	E694
Engine Brand					EICHER			
No. of Cylinders		4	4	4	4	4	6	6
Rated Power	BHP	38	57	74	104	128	155	200
Bore X Stroke	mm	100 X 105	100 X 105	100 X 105	100 X 120	100 X 120	100 X 120	100 X 120
Displacement	Litres	3.3	3.3	3.3	3.8	3.8	5.65	5.7
Compression Ratio		17:01	17:01	17:01	17:01	17:01	17:01	17:01
Method of Aspiration		TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC
Air Filter		Dry Type	Dry Type	Dry Type	Dry Type	Dry Type	Dry Type	Dry Type
Engine Cooling		Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling	Liquid Cooling
Lube oil Quantity	Ltr	13	13	13	14.5	14.5	21.8	21.8
DEF Capacity	Ltr				27	27	27	27
Coolant Quantity	Ltr	13	16	16	20	22	22/ 24	27
Alternator	NIDEC or equivalent							
Governor Type	A1 Class							
Controller	DIEFF or equivalent							
Service Interval	hrs	700	700	700	700	700	700	700
Battery Charging Alternator		12 V / 55A	12 V / 55A	12 V / 55A	12 V / 55A	12 V / 55A	12 V / 55A	12 V / 55A
Fuel Pump	Type	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi
Exhaust Treatment System		DOC	DOC	DOC	DOC + SCR	DOC + SCR	DOC + SCR	DOC + SCR
*Dimensions (LxWxH)	mm	2470x1020x1315	2800x1080x1390	2800x1080x1390	3400x1400x1510	3400x1400x1510	3800x1400x2272	3800x1400x2272

Other Features

Feature List	30 kVA	45 kVA	60 kVA	82.5 kVA	100 kVA	125 kVA	160 kVA
Oil Pressure Sensor	✓	✓	✓	✓	✓	✓	✓
Water in Fuel Sensor	✓	✓	✓	✓	✓	✓	✓
Ambient Temperature Sensor	✓	✓	✓	✓	✓	✓	✓
Safety for Overfrequency	✓	✓	✓	✓	✓	✓	✓
Safety for Overload	✓	✓	✓	✓	✓	✓	✓
Over Crank Protection	✓	✓	✓	✓	✓	✓	✓
Safety from Voltage Surge	✓	✓	✓	✓	✓	✓	✓
Urea Sensor				✓	✓	✓	✓
Thermal Cutoff in Starter	✓	✓	✓	✓			
Inbuilt Oil Cooler	✓	✓	✓	✓	✓	✓	✓
Piston Cooling Jet	✓	✓	✓	✓	✓	✓	✓
4 Valve Technology				✓	✓	✓	✓
Telematics Enabled	✓	✓	✓	✓	✓	✓	✓

*** Conditions Apply**

(*) Other makes of the Alternator can be made available on request.

Power rating as per standard reference condition, as per –BS 5514 / ISO 3046 / ISO 8528 & IS 10002 / ISO 3046. Generator Set specifications are subject to change due to continuous product development without prior notice.

Fuel Tank & Fuel Piping	Inbuild (Removable Type with Lock & Key Arrangement)
First Fill of Lube Oil & Coolant	Included
Power Cable	Included with Acoustic Enclosure (Between Alternator & DG Panel)
Fuel Level Gauge & Sensor	Included
Emergency Stop Button	Included

Exclusion

- Transportation & Transit Insurance
- Unloading & Shifting of DG Set at Site
- Civil Foundation at Site
- Power & Control Cabling Outside Acoustic Enclosure

- Earthing of Equipment (DG Set & Panel) at Site
- Exhaust Pipe Extension
- Any Kind of Statutory Approval

Warranty: Standard warranty shall be 24 months from date of supply or 5000 running hours whichever is earlier as per manufacturer standard clause. Optional extended warranty available at extra cost.

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* The actual product specifications may vary from those shown in this brochure