

**Powerac**

POWERAC ENERGY SOLUTIONS PRIVATE LIMITED

# VERSATILE PERFORMER

FUEL EFFICIENT AND RELIABLE ENGINE BUILT USING POWERAC'S EXPERTISE

THE NEW CPCBIV+ EMISSION NORMS

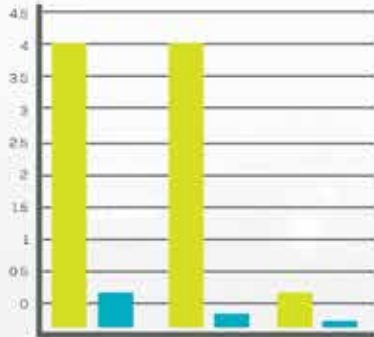
TRIVANDRUM | KOCHI | CALICUT



**POWERAC ENERGY SOLUTIONS PVT LTD** is a reputed company based in Kerala, engaged in consulting of power requirements and Diesel Generator related services. It commenced its operation in 1983. Over the period of 40 years, it has spread its power solution services in all market segments. It is led by a highly qualified management & technical team with nation wide experience in handling different brands, consulting customer requirements both on the supply of generator sets and servicing domains. With core focus on Power solution requirements, from supply of diesel generator sets to installations, Annual Maintenance contracts, it always strives to provide the best industry solutions to its clients. Our logical, pragmatic and service on-demand solutions allow clients to consistently meet their most critical business objectives on time.

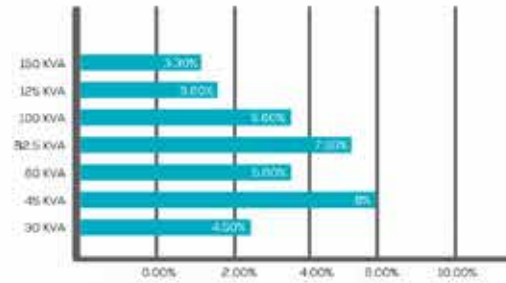
## Creating the blueprint for an Ideal commercial space?

Don't Forget The Heart Of New Emissionized Power Backup Solutions



- ▶ 90% Reduction in NOx Level
- ▶ 95.25% Reduction in Hydrocarbon
- ▶ 93.3% Reduction in PM Levels
- ▶ Common Rail Fuel Injection in all ratings
- ▶ DOC+EGR Used for rating below 60KVA
- ▶ DOC+SCR+Ad Blue for Rating above 82.5KVA

## Improved Fuel Efficiency (Compared to CPCB II)



DG Set Model	KVA	KW	Engine Model	bhp	DG set dimension			DG set weight kg	Fuel tank capacity Ltrs
					Length mm	width mm	Height mm		
25KVA	25	20	E483TCIC	38	2400	1080	1620	1150	90
30KVA	30	24	E483TCIC	38	2400	1080	1620	1150	90
40KVA	40	32	F483TCIC	57	2550	1080	1875	1250	105
45KVA	45	36	E483TCIC	57	2550	1080	1875	1250	105
60KVA	60	48	E483TCIC	74	2750	1180	2050	1350	150
82.5KVA	82.5	48	E494TCIC	104	3450	1480	1760	1800	210
100KVA	100	80	E494TCIC	128	3450	1480	1760	2100	210
125KVA	125	100	E694TCIC	155	3500	1480	1750	2850	250
160KVA	160	126	E694TCIC	200	4000	1480	2810	3200	320





Best in class fuel efficiency



24/7 non-stop operation at 100% load.



Single point solution for diesel genset requirements - Supply, service and spares from a single source.



High block loading capacity.



Extremely low engine vibration.



Greener emissions conforming to CPCB4+ norms - Reduced NOx levels & Advanced EATs system

- ▶ First Top Overhaul of EICHER Engines is at 12000-14000 hours which is more than twice of its contemporary makes available in India, because of better metallurgy.
- ▶ In-Built Oil Cooler: Ideal for Continuous Operation and Lower Lubricating Oil Consumption. Our Engines does not require regular interim oil top up.
- ▶ IStarter Motor with Thermal Cut off arrangement: It helps to avoid the breakdown of Starter Motor which occurs due to over cranking.
- ▶ I55 amps charging alternator for quickly charging the batteries
- ▶ Aesthetically superior, fully integrated weatherproof acoustic enclosure.





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