



SEAMLESS POWER FOR  
**UNSTOPPABLE  
DREAMS**

DIESEL GENERATORS 15 KVA TO 250 KVA

Powered by Reliable, Rugged & Robust engines  
Best-in-class fuel efficiency | Longest oil change interval



## Company Profile

Founded in 1983 by the visionary Shri Subramaniam Velayudhan, POWERAC ENERGY SOLUTIONS PRIVATE LIMITED (formerly known as Subramania Industries) has grown from humble beginnings into a trusted name in the power solutions industry. Over the past four decades, we have established ourselves as a leading end-to-end provider of reliable and efficient diesel generator solutions, serving a wide range of industrial, commercial, and institutional clients.

Our expertise spans the entire spectrum of power solutions – from precision-driven manufacturing and strategic marketing to seamless installation, commissioning, and dedicated after-sales support. Every stage of our process is backed by a commitment to quality, innovation, and customer satisfaction.



Proven EGR technology

Optimised DOC & SCR STRATEGY



Experienced top-tier performance with minimal AdBlue consumption with our new CPCB IV+ DG set range that gives you unmatched productivity, reliability



# NEW AGE POWER. AGE OLD TRUST

Power your business with the state-of-the-art Diesel Gensets from Ashok Leyland



DG MODEL	Unit	OL 15	OL 20	OL 25	OL 30	OL 35/40	OL 45	OL 60	OL 82.5	OL 100	OL 125	OL 150	OL 180	OL 250
Power rating*	KVA	15	20	25	30	35/40	45	60	82.5	100	125	150	180	250
Electric power	KWe	12	18	20	24	25/32	36	48	66	80	100	128	144	200
Rated current	A	21	28	35	42	48/55	63	84	115	139	174	223	250	348
DG size L X W	mm x mm	1750 X 1000	1750 X 1000	2000 X 1000	2000 X 1000	2400 X 1100	2400 X 1200	2700 X 1150	2850 X 1300	2850 X 1300	3100 X 1300	3500 X 1400	3500 X 1400	4700 X 1800
Height (including base)	mm	1300	1300	1280	1290	1450	1450	1450	1580	1560	1610	1850	1850	2020
DG weight approx	kg	675	700	750	750	1080	1000	1380	1407	1900	2050	2210	2290	4800
Fuel tank capacity	L	50	50	75	75	90	90	120	150	150	200	250	250	340
Battery capacity	Ah	90	90	90	90	90	90	90	90	90	90	105	105	2 X 105
System DC voltage	V	12	12	12	12	12	12	12	12	12	12	12	12	24
Engine make		H4040M11	A15156	H1564DE15	H1564DE30	H4040E40	H4040E45	H4040E60	H4040E82	H4040E100	H4040E125	H4040E150	H4040E180	A4040E250
Engine rated	KW/HP	14.6/19.5	17.9/24.35	21/33.3	25/37	35/52	42.5/56.5	54/72	79/104	92/122	116/154	147/197	185/220	223/303
Aspiration		Natural	Natural	TDC	TDC	TDC	TDC	TDC	TDC	TDC	TDC	TDC	TDC	TDC
No of cylinders & configuration		2, inline	2, inline	3, inline	3, inline	4, inline	4, inline	4, inline	4, inline	4, inline	6, inline	6, inline	6, inline	6, inline
Bore x Stroke	mm x mm	104 X 118	98X107	90 X 98	90 X 98	104 X 113	104 X 113	104 X 113	104 X 118	104 X 118	104 X 118	104 X 118	104 X 118	117 X 135
Displacement	L	2	1.84	1.5	1.5	3.84	3.84	3.84	4	4	6	6	6	7.98
Compression ratio	18M30G/2150/9	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	16.5x0.9:1	17.5x0.9:1
Lube oil capacity approx.	L	8	5.5	4.5	4.5	8.5	8.5	8.5	12	12	15	15	15	28
Coolant capacity approx.	L	10	8	11	11	14	14	15	19	20	22	24	24	35
Governing class		A1	A1	A0	A0	A0	A0	A0	AD	A0	AD	A0	A0	A0
Governor used		Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic
Oil change period		600 hrs or 1 year		500 hrs or 1 year		750 hrs or 1 year								
Lube oil specification		Gulf Lycopower XLE												
Generator connection		DC 270V	AC 230V/3P	DC 270V										

\*Power Rating - As per BS 5514 / ISO 3046 / ISO 8528 under standard reference conditions.

\*Rev 01 - this specification supersedes all previous specifications and are liable to change due to continuous improvement and are for reference only.

Warranty: 2 years or 5000 hrs whichever occurs earlier. (OL 20\*\*)

## ENGINE



Continuous duty application at 100% capacity - 24x7



Superior block loading capacity



Common rail fuel injection system for enhanced fuel efficiency



Optimum power to weight ratio



Optimised SCR strategy for lesser Adblue consumption



Reduced noise and vibration

## IOT & TELEMATICS



Monitor genset from anywhere



Plan and schedule DG service visits



Immediate fault detection



Generate prompt alerts



Faster intervention, reduces downtime



Avoids unnecessary site visits

## SERVICE



Nationwide service network



Round the clock service [24/7] with dedicated toll-free number



220+ touchpoints PAN India



Easy serviceability



Accessibility of parts and service



Comprehensive AMC offers for complete maintenance



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