

# POWER IN YOUR HAND





# JOURNEY



## VISION

To be a global company in the field of energy & engineering solutions adding values to lives we touch.



## MISSION

At Powerlux, we strive to manufacture and deliver premium products & solutions while fostering growth and oppounities for our team and stakeholders.



## VALUE

We're a culture driven company which values & gives balanced growth to it's team and stakeholders. Today Powerlux family has 200+ people under its wing and is responsibly moving forward to achieve bigger goals. Our culture is based on an unwavering belief in integrity and fair dealings, treating our clients & each other with dignity & respect.

**1952**

Inception of the group with a road transport company **Capital Roadways** in the domain of Public Transport. The company still exists and is the biggest fleet owner of TATA Buses in Central India.

**1972**

Became authorised dealer to Hindustan Petroleum Corporation Limited in Bhopal city in the name of **Capital Filling Station**

**1985**

Ventured in to Real Estate space in the name of **Capital Construction** and have constructed more than 30 commercial & residential projects. We've provided houses to more than 1000 families.

**2008**

"Powerlux" brand was registered under the firm **Capital Powers** which ventured into energy and egineering spage and started manufacturing Diesel Generator Sets & Tower Lights.

**2012**

TATA MOTORS LTD. issued LOI to "Powerlux" for becoming their Authorized GOEM for the state Madhya Pradesh.

**2015**

"Powelrux" collaborated with Escorts Kubota Limited for small capacity gensets as their corporate OEM.

**2016**

For excelling in sales, market share and numbers, TATA MOTORS awarded Chhattisgarh state to "Powerlux".

**2019**

For excelling in sales, market share and numbers, TATA MOTORS awarded Gujarat state to "Powerlux".

**2019**

Powerlux went international with start of its operations in Africa, Gulf & Europe

**2022**

The legal name of the firm **Capital Powers** got converted to Powerlux Industries Pvt. Ltd., a private limited company.

**2022**

For excelling in sales, market share and numbers, TATA MOTORS awarded Odisha state to "Powerlux".

**2022**

"Powerlux" got authorisation from Kohler India to work in the domain of portable gensets and tower lights powered by Kohler engines.

**2023**

For excelling in sales, market share and numbers, TATA MOTORS awarded West Bengal state to "Powerlux".

**2024**

Today Powerlux has active operations in 3 continents and has sold 10000+ gensets and close to 1000 portable tower light solutions PAN India & globally.

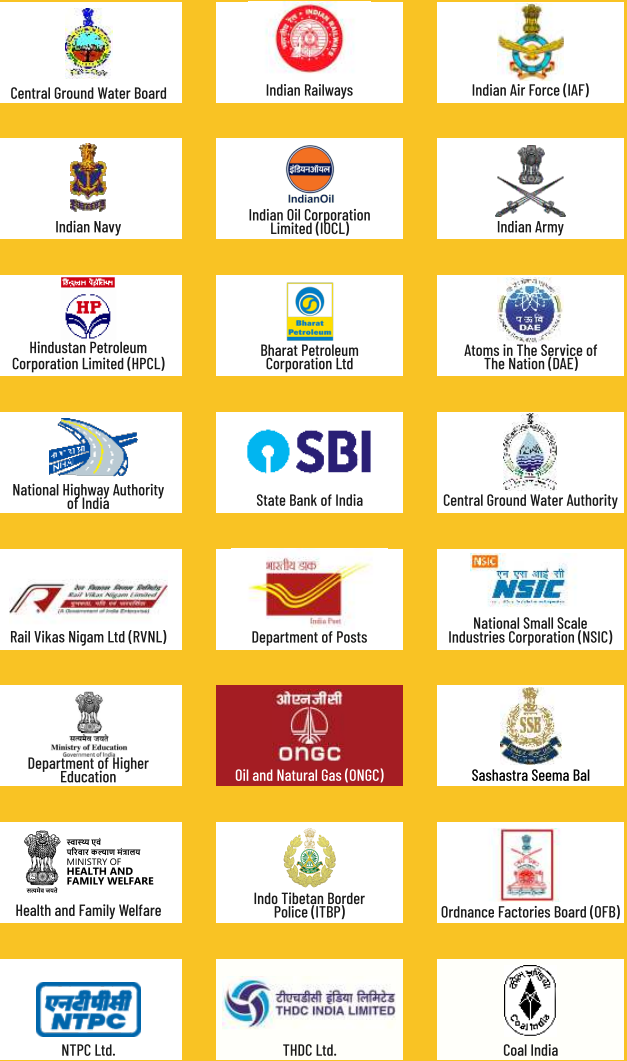


# TECHNICAL SPECIFICATIONS

POWERLUX CPCB IV+ GENERATOR SETS																									
DG Set Model	PG5	EKL10-IV	EKL15-IV	EKL15A-IV	EKL20A-IV	EKL20-IV	EKL25-IV	TMG25	TMG30	TMG35	TMG40	TMG40 HD	TMG45	TMG50	TMG58.5	TMG70	TMG82.5	TMG100C	TMG100	TMG125	PG160	PG180	PG200	PG250	
KVA	5	10	15	15	20	20	25	25	30	35	40	40	45	50	58.5	70	82.5	100	100	125	160	180	200	250	
KW	4	8	12	12	16	16	20	20	24	28	32	32	36	40	46.8	56	66	80	80	100	128	144	160	200	
CANOPY SIZE	1000 x 650 x 800	1750 x 950 x 1300				1950 x 950 x 1300	2250 x 1030 x 1470	2250 x 1100 x 1530				2550 x 1100 x 1530				2800 x 1100 x 1730				3300 x 1250 x 1930		4051 X 1400 X 1745		4550 X 1600 X 2395	
CONTROLLER	Procom or Equivalent	DEIF / DEEPSEA						DEEPSEA												DEIF / DEEPSEA					
ALTERANTOR MAKE	NSM	STAMFORD						STAMFORD												STAMFORD OR EQUIVALENT					
PHASE OPTIONS	1 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	1/3 Ph.	3 Ph.	3 Ph.	1/3 Ph.	1/3 Ph.	3 Ph.	1/3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	3 Ph.	
CURRENT PER PHASE (AMPS)	21.5	43/14	66/21	66/21	87/28	87/28	109/35	109/35	130/42	49	56	174/56	63	70	254/81	97	114	139	139	174	222	250	278	347	
POWER FACTOR (LAGGING)	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	
STARTING VOLTAGE	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	12V	24V	24V	24V	24V	
FUEL TANK CAPACITY	15	75	75	75	75	100	130	120	120	120	120	150	150	150	150	180	180	180	250	250	300	300	300	375	
ENGINE MAKE	KOHLER	ESCORTS KUBOTA LIMITED						TATA MOTORS LIMITED												COOPER					
ENGINE MODEL	KD441	G12-IV	G15-IV	G20A-IV	G20A-IV	G20-IV	G25-IV	497SPTC88	497SPTC88	497SPTC88	497SPTC88	497SPTC89	497SPTC89	497SPTC89	497SPTC89	497TC57	497TC57	497TC57	697TC60	697TC60	6B9D1C190IW	6B9D1C190IW	6B9D1C190IW	6G9D1C228IW	
ENGINE POWER (HP)	8.2	14.8	19	24.2	24.2	24.2	37	43	43	43	43	74	74	74	74	103	103	103	160	160	255	255	255	306	
RPM/ FREQUENCY	3000/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	1500/50Hz	
NO. OF CYLINDERS	1	2	2	2	2	3	3	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	
BORE X STROKE	86 x 76	95 x 110	95 x 110	98 x 122	98 x 122	95 x 110	98 x 122	97 x 100	97 x 100	97 x 100	97 x 100	97 x 100	97 x 100	97 x 100	97 x 100	97 x 127	97 x 127	97 x 127	97 x 127	97 x 127	107 X 126	107 X 126	107 X 126	107 X 145	
DISPLACEMENT (CC)	441	1560	1560	1840	1840	2340	2760	2956	2956	2956	2956	2956	2956	2956	2956	3784	3784	3784	5675	5675	6800	6800	6800	7800	
LUBE OIL SUMP CAPACITY	1.5	5.5	5.5	5.5	5.5	6.5	6.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	11.5	11.5	11.5	16	16	11	11	11	13	
LUBE MAKE & GRADE RECOMMENDED	Kohler - CI4+ 15W40	ESCORTS SURAKSHA - CF4 15W40						TMG0 - CK4 15W40								TMG0 - CK4 15W40				TMG0 - CK4 15W40		COOPER - CI4+ 15W40			
ASPIRATION	Naturally	Naturally	Naturally	Naturally	Naturally	Naturally	Naturally	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	TCIC	
GOVERNING	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	Electronic	
COOLING SYSTEM	Air Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	
FUEL SYSTEM	Bosch Inline	Inline	Inline	Inline	Inline	Inline	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	CRDi	
EMMISSION NORMS	CPCB IV+ Compliant	CPCB IV+ COMPLIANT						CPCB IV+ COMPLIANT												CPCB IV+ COMPLIANT					
ALTERNATOR																									
Enclosure type	IP23							IP23												IP23					
Class of insulation & Excitement	Class H & Self Excited							Class H & Self Excited												Class H & Self Excited					
Voltage regulation	+/-1%							+/-1%												+/-1%					
Bearing & Type	Single Bearing & Brushless							Single Bearing & Brushless												Single Bearing & Brushless					
Maximum unbalanced load across phases (Only 3ph.)	Up to 25%							Up to 25%												Up to 25%					
Max Time to build up rated voltage at rated RPM	<2 Seconds, provided engine reach the rated speed							<2 Seconds, provided engine reach the rated speed												<2 Seconds, provided engine reach the rated speed					

- Product innovation is a continous process, hence data given is subject to change without any prior notice.
- Do not overfill the diesel tank above the mentioned capacity
- Single phase genset dimension may vary from the above. Please contact our authorised sales persoanl for correct sizing information.

# POWERLUX PRESENCE IN GOVT. & PUBLIC SECTOR





### Registered Office

Raisen Road, Manak Vihar, Patel Nagar, Bhopal (M.P.)-462024  
Phone: 9752425006/07 | Email: centralbo@powerluxind.com

### Marketing Offices

#### Gujarat

Siddhivinayak Business  
Towers, A-521, SG Highway, Makarba,  
Ahmedabad, Gujarat-380051

Phone: 8319531705 | 9981181588

Email: gujaratbo@powerluxind.com/  
gujaratbo1@powerluxind.com

#### West Bengal

Room No.831, 18, Rabindra  
Saarini, Poddar Court, Gate No.1,  
Kolkata, West Bengal 700001

Phone: 9109142986

Email: bengalbo@powerluxind.com

#### Odisha

B7, 1st Floor,  
Saheed Nagar, Bhubaneswar,  
Odisha-751007

Phone: 9109223899

email: odishabo@powerluxind.com

#### Chhattisgarh

205, 2nd Floor, Karsan Chambers,  
Lal Chowk, Near Heritage Hospital  
Raipur, Chhattisgarh-492009

Phone: 9752425006/07

Email: cgbo@powerluxind.com