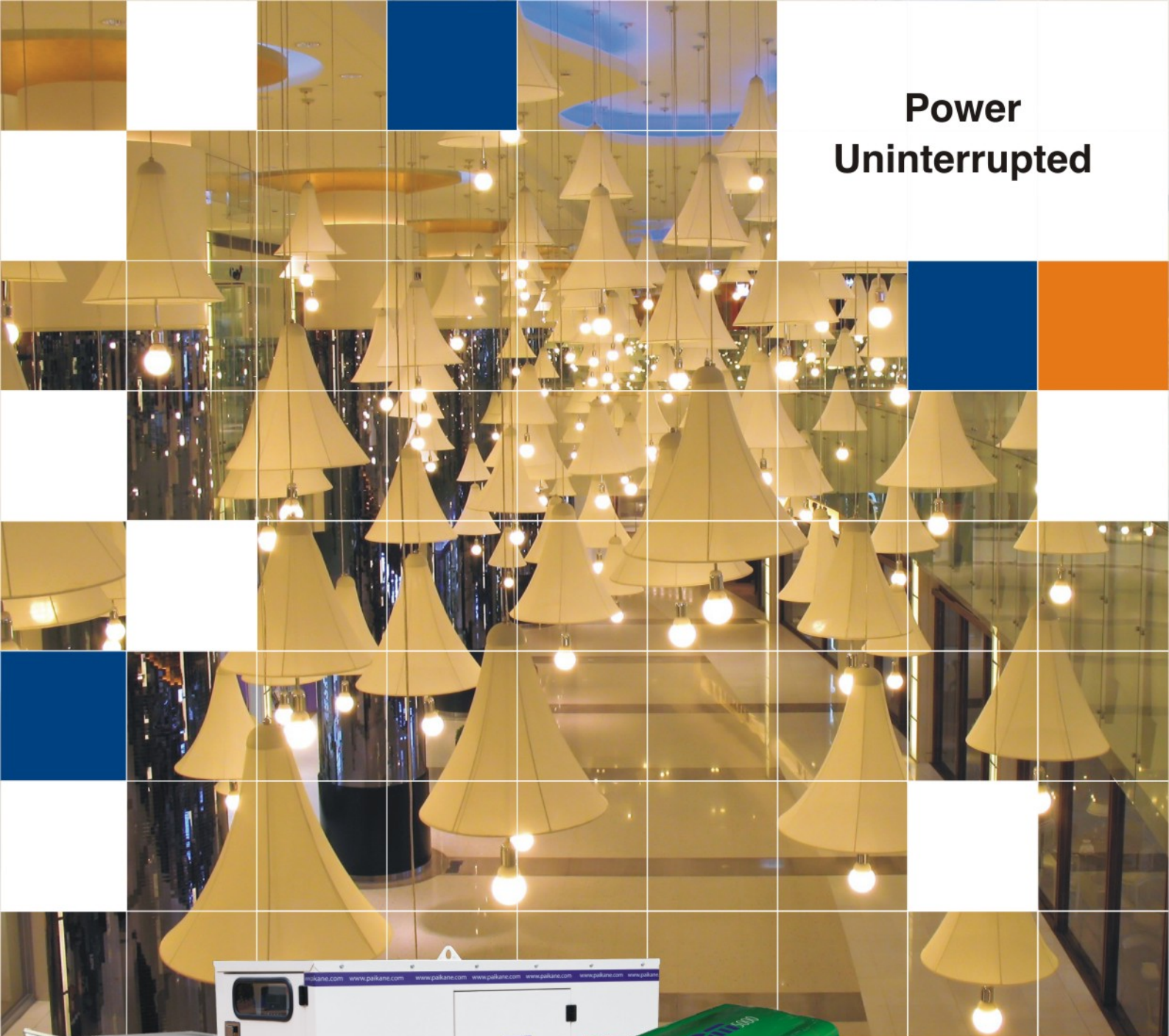


# Power Uninterrupted



## DIESEL GENSETS

- Range : 5 - 12.5 kVA
- Frequency : 50 Hz

**ATOM** SERIES

Portable Diesel Generator Sets



more than just energy





ATOM series gensets are innovative gensets designed to fulfil the consumers needs in homes, offices, shops and commercial areas which require power generation solutions with a high degree of safety, noise reduction and fuel-efficiency.

This series is developed in compact and portable sizes to minimise space requirements.

### Features

- Compact and Portable
- 12 hours uninterrupted backup in ONE tank fill
- Auto / Electric / Key start options available
- ARAI approved for CPCB Noise Levels
- Equipped with Safety Devices like AC Circuit / Low Engine Oil / High Temperature protectors

## TECHNICAL SPECIFICATIONS

GENSET	GENSET MODEL		ATOM 5000 (5 kVA)	ATOM 5000 (5 kVA)	ATOM 7500 (7.5 kVA)	ATOM 10K (10 kVA)	ATOM 12.5K (12.5 kVA)
CANOPY	FRP CANOPY - F / METAL CANOPY - M		M	F	F	M	M
50Hz	3000 RPM	SINGLE PHASE (230V)	21	21	32	42	53
		THREE PHASE (415V)			11	14	18
ENGINE	MANUFACTURER		Lombardini	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi
	MODEL		15LD440	MVL2E	MVL2E	MVL3E	MVL3E
	FUEL		Diesel	Diesel	Diesel	Diesel	Diesel
	NUMBER OF CYLINDERS		1	2	2	3	3
	ENGINE CAPACITY		442 cc	635cc	635 cc	952cc	952cc
	COOLING		Air Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
	PRIME RATING - kW (HP)		6.8 (9.3)	8.2 (11)	8.2 (11)	13.2 (17.8)	13.2 (17.8)
	COMPRESSION RATIO		20.3 : 1	23.0 : 1	23.0 : 1	23.0 : 1	23.0 : 1
ALTERNATOR	GOVERNING		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
	MANUFACTURER		MeccAlte	MeccAlte	MeccAlte / Stamford	MeccAlte / Stamford	MeccAlte / Stamford
	TYPE		Brushless	Brushless	Brushless	Brushless	Brushless
	ENCLOSURE PROTECTION STANDARD		IP23	IP23	IP23	IP23	IP23
	INSULATION		Class H	Class H	Class H	Class H	Class H
BATTERY	12 V BATTERY & LEADS SUPPLIED		Yes	Yes	Yes	Yes	Yes
CONTROL PANEL	OPTIONAL - MANUAL / AMF		Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto	Manual / Auto
NOISE	As per CPCB Rules, India	75 dB @ 1 Mts.	< 75db	< 75db	< 75db	< 75db	< 75db
FUEL	TANK CAPACITY (litres)		20	15	20	60	60
DIMENSIONS	LENGTH	mm	1155	1600	1813	2000	2000
		in	45	63	71	79	79
	WIDTH	mm	670	650	750	900	900
		in	26	26	30	35	35
	HEIGHT	mm	1150	900	980	1200	1200
		in	45	35	39	47	47
WEIGHT	kgs	230	193	280	732	753	
	lbs	507	425	617	1613	1660	
ADDITIONAL FEATURES	BATTERY CHARGER		Optional for Manual set / Standard for AMF set	Optional for Manual set / Standard for AMF set	Optional for Manual set / Standard for AMF set	Optional for Manual set / Standard for AMF set	Optional for Manual set / Standard for AMF set
	PORTABILITY		Optional	Standard	Standard	Optional	Optional

### RANGE OF APPLICATIONS



1.5 Ton A.C.



Computer



TV / LCD



Refrigerator



Tubelights



Fans

NOTES: Power Panel is inbuilt for genset with Manual control panel and external for AMF control panel | MeccAlte Alternator(Brush + AVR) is optional for 5kVA | All canopies (Metal / FRP) are All-Weatherproof, provided with inflammable acoustic foam | As a process of continual improvement, above data is subjected

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## Pai Kane Group – Powering the nation's growth.

Electric power, a versatile energy source is vital to a nation's growth. Rapid industrialization and the need to be constantly connected have led to a huge demand for uninterrupted, reliable electrical energy. From plush wedding receptions, to business needs, to the comfort in our homes, to hospital emergencies, we all depend on uninterrupted power supply to support our lives and our lifestyles. Generator sets remain the favored option for standby and emergency power systems, worldwide.

For over a decade, we at Pai Kane Group, have designed, manufactured and supplied high quality, reliable and eco-friendly power generation solutions. The name you can bank on for dependable power. At Pai Kane, customer delight is our commitment – nothing else matters!

### Product Range

Pai Kane Group specializes in the design, manufacture, installation, sales, maintenance and service of silent diesel, natural and bio gas generator sets with power ranging from 5kVA - 3,000 kVA.

### Infrastructure

Pai Kane Group's primary production facility in India is located at Goa. This modern, comprehensive facility spread over an extensive 400,000 sq. ft. with manpower of over 400 personnel, is capable of rolling out high-quality generator sets using state-of-the-art machinery. The facilities include:

- Panel Factory
- State-of-the-Art Amada Punching Machine
- Bending Machine - Amada
- Fabrication Line
- Fully-automated Powder Coating Line - (11 Tank Process)
- Generator set Assembly
- Engine Load-Testing Facility for testing upto 3,000 KVA with provision for Radiator-cooled and Heat exchanger cooled engine.
- Large Canopy Assembly Facility
- Design Cell whose design expertise includes; Acoustic Enclosures, Control Panels, Diesel Generator Sets, Generator Set Control Electronics, etc.

### Comprehensive After-Sales Support & Annual Maintenance Services

Supported by a nationwide network, we ensure 24x7 after-sales support and annual maintenance services by trained dealers and skilled service professionals. This established network provides easy product availability, efficient and prompt after-sales service and minimum generator set downtime for customers.

### Exports

Pai Kane Group is establishing offices, warehouses, manufacturing setups and appointing channel partners/distributors across the world to service our international clients. We aim to be a single window solution to our client's entire power generation needs.



### Certifications

Pai Kane Group has achieved all 3 international certifications, namely: DNV Certified ISO 9001:2008, EMS 14001 & OHSAS 18001.



## Power Engineering (India) Pvt. Limited

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**Corporate/Marketing Head Office-Goa** : 503-504, Cosmos Centre, Mhapsa - 403 507, Bardez, Goa. Tel.: 0832 - 3292844 / 45 / 46 & 47.  
Fax: 0832-2255904. **Power Store** : Ground floor, Rio Sol Tower, Beside Campal Clinic, Campal, Panaji - 403 001, Goa. Mob.: 09325924720 / 09372862555. Fax: 0832 - 2255904.

### Nationwide Marketing Offices:

**West** : ● **Mumbai** : 601, 6th Floor, Swaroop Arcade, Sahar Road, Opp. Parsiwada, Andheri (E), Mumbai - 400 099. Mob.: 022 - 61552500 / 09320504447. ● **Pune** : 210, 2nd Floor, M. P. J. Chambers, Wakdevadi, Pune - 411 003. Tel.: 020-25820988 / 89. Mob.: 09325778101. ● **Kholapur** : Mob.: 09325006906.

**South** : ● **Bengaluru** : Mob.: 07483377744 / 09326727768. ● **Chennai** : Tel.: 044 - 42152634. Mob.: 07483377744. ● **Hyderabad** : Mob.: 09326727768 / 09370280101.

**North** : ● **Gurgaon** : R-06A, 3rd Floor, The Plaza, Mehrauli-Gurgaon Rd., Gurgaon - 122002, Tel.: 0124-4260627 / 28. Mob.: 09871110765. Fax: 0124-4260626.

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