



World Class  
**SILENT DG SETS**  
5 KVA to 2000 KVA  
CPCB APPROVED



*The most silent ones are the most silent too!*



## GENERATOR

CPCB Approved Models. Sound Proof. Well Engineered, Austhatic Look, Powder coated paint for long life. Every DG set is despatched after complete Testing and Quality check from our factory. Warranty for any manufacturing defects offered through out country. Ratings from 5 KVA to 2000 KVA

## TELECOM POWER UNITS

We supply as per Telecom industries requirement compact, Easy maintainability with AMF, Telematics etc. 5 to 63KVA 3000 RPM compact DG for light weight, compact DG size and reliability.



## SILENT DIESEL GENERATING SETS

Silent Diesel Generating Sets from 5 KVA to 2000 KVA. The silent Diesel generators consists of CPCB approved engines coupled to single bearing, brushless alternator, mounted on specially designed common skid base frame fitted with special vibration isolators which make the DG set vibration free. for all industry requirements with sound proof enclosure.

## POWER GUARD 6000/7500 DOMESTIC / SPL PURPOSE



## COMPACT DG TO RUN YOUR AIRCONDITIONER PLUS OTHER LOADS

### DESIGNED IN GERMANY

- Ø Super silent ARAI approved
- Ø Diesel Run Economical
- Ø Automatic start/stop
- Ø Electric Starting. Easy to operate by ladies
- Ø Reliable product, Portable/Movable
- Ø Less weight/ No vibration to Building
- Ø Dependable service
- Ø Air cooled-Less maintenance
- Ø No separate Room required
- Ø No specific foundation required. Can be Installed at Roof Top or in any leveled hard Floor/Balcony or in Garden / Garage.
- Ø Engines are tested and approved by defence. And working throughout india

WE ALSO SUPPLY GAS BASED GENERATORS & SPECIAL PURPOSE IMPORTED GENERATORS.

**1. Sound Proof Enclosure:** Beautifully Designed, Manufactured through totally CNC Automatic machines and glossy power coated for long life. ARAI certificated for sound pollution and meets the sound levels. Hence you can install legally in residential / Commercial / Hospital / school areas. No sound disturbance to others.

**2. Engine:** 3000/1500rpm Vertical Four stroke Electric start, Air/Coolant-cooled Diesel engine. Central pollution control Board Emission certificated, German Design, Manufactured in ISO 9001 Certified factory. Low Fuel & Lub oil Consumption, less Vibration.

**3. Alternator:** 3000/1500rpm, A.C 240/415V, 50 Hz Screen protected drips roof, single Bearing, close coupled.

**4. AMF Control Panel:** Micro Processor based solid state, AMF logic monitor the main power supply all the time. In case of power disturbance, failure, it automatically starts the DG and change over the mode and supply the power. Once the power become healthy / comeback. AMF logic change over the Load to the E B Source and shutdown the DG set.

**Option:** Standard panel this has a switch & monitoring devices, during power cut through the key it has to be Start & Stop.

**5. Diesel Tank:** In build in the Acoustic enclosure 12 Hrs running capacity.

**6. Heavy Duty:** The design and power of the set is so reliable even 12 Hrs continuous running is permitted. During the power cut in summer imagine the comfort of running you'r A.C and office equipments or household Power appliances with out disturbance.

## MOBILE / TRAILER MOUNTED GENERATORS

We are able to transform static soundproof sets into mobile ones by adding the corresponding mobile kit. The mobile kit can be made of one or two axes according to the weight of the electrical generating set. Manufactured with a robust structure from steel profiles and equipped with: axle with brake and elastic suspension, tow bar with support that may be regulated height with front wheel to facilitate movement, and rear wheels with their associated mudguards.



## POWER GUARD - HIGH SPEED - COMPACT - LOW WEIGHT DG SETS

MODELS	RATING	SIZE WITH SOUND	COOLING
DG 50 A	5 KVA	1400 X 750 X 1100	AIR
DG 75 A	7.5 KVA	1600 X 850 X 1200	AIR
DG 100 A / w	10 KVA	1800 X 850 X 1200	AIR / COOLANT
DG 150 A / w	15 KVA	1800 X 850 X 1200	AIR / COOLANT

## TELECOM - MODELS

MODELS	RATING	SIZE WITH SOUND	COOLING
PK 5 AS	5 KVA	1400 X 850 X 1600	AIR
PK 7.5 A	7.5 KVA	1750 X 820 X 1600	AIR / WATER
PK 10W3C	10 KVA	1750 X 820 X 1600	AIR / WATER
PK 15W3C	15 KVA	1750 X 820 X 1600	AIR / WATER
PK 29W3C	20 KVA	2300 X 1050 X 1250	AIR / WATER
PK 30W3C	30 KVA	2500 X 1050 X 1400	AIR / WATER
PK 40W3C	40 KVA	2500 X 1050 X 1400	WATER
PK45W3C	45 KVA	2500 X 1050 X 1400	WATER
PK63W3C	63 KVA	2500 X 1050 X 1400	WATER
PK83W3C	83 KVA	3000 X 1500 X 1700	WATER
PK 125W3C	125 KVA	4000 X 1800 X 2600	WATER

## CONTROL PANEL



The control panel is manufactured by P.K. with 14/6 gauge CRC sheet powder coated after seven tank treatment process for the long life. Quality Components are used.

## HIMAST



### HIMAST

We supply as per IS standards, Designed & Tested as per wind speed requirements. Height varies from 9 mts to 45 mts. As per site Design requirements, we provide no of lights HPSV/Metal Haloid. IIT Kharagpur approved design. In house Design facility to cater to your exact requirements. Hot Dip Galvanasied as per is 2629. (86 MICRONS)

### STADIUM LIGHT

We undertake design, supply, erection, and commissioning of stadium flood lights. Maximum height supplied so far is 73 mts. As per Stadium Consultants design, we give you the complete design details. Many projects in India & Abroad supplied in record time.



## STADIUM LIGHT



## STREET LIGHT & POLES



### STREET LIGHT & POLES

Highway, Avenue, Garden Lighting Poles to 15 mts No. of Arms / Fitting as per requirements.

## STAINLESS STEEL LUMINARIES



**STAINLESS STEEL LUMINARIES (HSPV / M. HALOID)**  
250 / 400 / 1000 w. Statinless Steel Luminaries for Brighter & Long Life Highly Recommended in Chemical Corssive Admassfier. We use long rang igniation system to ensure best results.

## TILTING MAST



### TILTING MAST

Tilting Mast for Easy Maintance & Convenience.

## DESIGN

we have in house design department with Qualified engineers, with software to design to any site requirements. We are the first one to manufacture 22 mtrs high towers with proven design to withstand 180km/h wind speed. We supplied large nos to the Asias largest refinery.

### Features and benefits:

Lifting height of the mast 9-12-15-18-22 mtrs 15 Hrs running Capacity Diesel Tank.

### Wide Lighting area:

We apply parallel Lamp structures and it's more Efficient than competitive lighting system and provide upto 50% more light output in addition, the unique top structure of the lamp container directs up 10% if previously wasted Skyward light of the work site.

### Easy for transport

The lighting tower is equipped with quality vehicle wheels, which is suitable for moving on any conditions road.

A connecting hook is provide to attach to other vehicles. You can move the lighting tower with any vehicles to the target work site.

### Tower :

We used polygonal formed poles made out of BSEN. 10025/5355. High quality Steel. Manufactured in state of the art plant. Hence the Yield stress is very high (355 N/m<sup>2</sup>) and withstand during heavy wind speed.

### Hot Dip Galvanised

The Tower is totally Hot dip galvanized as per IS: 2889 (86micron). Hence no rusting/damage even in high corrosive areas like seashore Chemical areas.

### Service :

We have trained and qualified technicians Personal for Commissioning. we train your operators. we under take AMC/ O & M Contracts, through out the country. Our towers are in operation in most of the industries / mines through out the Country and being exported also.



# AKASH DEEP MOBILE LIGHTING TOWER

Models	Height	No. of Lights	D.G. Capacity
AKASH DEEP P.K : 9-7.5-4	9 meter	4x400/1000	7.5 KVA
AKASH DEEP P.K : 12-7.5-6	12 meter	6x400 Watts	7.5 KVA
AKASH DEEP P.K : 15-12.5-4	15 meter	8x400 Watts	12.5 KVA
AKASH DEEP P.K : 18-12.5-9	18 meter	12x400 Watts	12.5/15 KVA
AKASH DEEP P.K : 22-15-16	22 meter	16x200 Watts	15 KVA

### STAINLESS STEEL LUMINARIES

We Manufacture specially designed symmetrical type Luminaries which gives you long life, more illumination and area coverage. Tested and approved by Govt. labs.

250, 400, 1000 W. Robust Construction. Stainless Steel Luminaries Long range ignition system ensure best results.



## P.K. POWER APPLIANCES PRIVATE LTD

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