



POWER RENTAL SERVICES

**Diesel Power Plants
Diesel Generators
D.B, Power Cables, Diesel Tanks
Air Compressors
Tower Lights**

www.alsholarental.com



THE COMPANY

AL SHOLA is based in Dubai and its operations are spread across the GCC countries. Company started its operations in 1976 and for over 3 decades we have been providing a wide range of Transportation, Plant Hire & Earth work related services to clients across the United Arab Emirates.

Today ALSHOLA is a leading player in U.A.E for the Plant Hire and Diesel Generator Rentals. We have an excellent track record of successful delivery of projects we handled and we are proud to have contributed to the development of Dubai and the U.A.E being a construction partner in many landmark projects executed over the years.

AL SHOLA offers a wide range of services to our customers under different business divisions, which includes...

TRANSPORT SERVICES
PLANT HIRE
POWER RENTAL
EARTH WORK CONTRACTING

Our overall aim is to meet our customers' needs with best possible services levels with top quality equipment and at a highly competitive level of pricing.



AL SHOLA ADVANTAGE

Energy efficient New Units: All our rental generators are relatively new as we buy new Generators and use it only for a maximum period of 4-5 years. In order to ensure the quality & durability, we source generators only from reputed manufacturers like CAT, CUMMINS, FG WILSON, VOLVO, Etc..

Fleet of Equipments: We have a wide range of Power rental products like Silent Diesel Generators from 50 KVA to 1250 KVA & Its accessories like Fuel Tanks, Power cables, LV panel, ATS System, , for rental services to meet any kind of your demands.

Synchronising & load sharing system: We can synchronize multiple DG sets to meet your higher KVA Needs or to economise the system for its fuel consumption while function on varying load demand. We use the most reliable ComAp brand Synchronizing & Load Management system to get your the best reliability.

On Line /Smart Phone Monitoring: We offer Generators with Online & Smart Phone monitoring options to get remote access to the real time operating parameters to prevent unexpected breakdown's. This system helps you to have the data logging of the power system which eliminates the need of an operator to record the parameters

24 x7 Service Support: Our Rental Products are supported with 24x7 service. We promise that any kind of breakdown service requirements will be responded with 30 minutes max. of 2 hours

Service capability: We have a good team of engineers & technicians with sound knowledge on Electrical, Diesel engine to handle any kind of electrical/ mechanical problems. Our Service team is equipped with Pick Up cars & Service Vans to resolve the technical issues at site itself. We have 2 state-of-art workshop facilities & yards at DUBAI & FUJAIRAH to meet all kind of Power rental requirements UAE.

GPS Monitoring of Service Team: All the service team vehicles are controlled through GPS monitoring system for deploying the nearest service team quickly in the event of break down requirements

Immediate delivery : We can deliver our rental equipments immediately after getting confirmed order. You don't need to wait for a long time for this.



POWER PLANTS [2 MW to 20 MW]

AL SHOLA Power Plants are powered by latest generation Diesel Generator Power modules. These Modules offer fuel efficiency, reliability and emissions control. Whether operating continuously in base load as a peaking plant, or as emergency standby power, these modules ensure a reliable and efficient supply of electricity to our customers with the back of AL SHOLA's comprehensive operation and maintenance support.

The Power Modules are driven by Cummins/ KOMATSU Engines to get the best fuel Efficiency in its class. The paralleling switchgear we use in Power Module units allows for automatic or manual paralleling with the customer's electrical system. Each power module has built in Synchronising & automatic load management system which offers paralleling with other power modules.

The Diesel Power Module is integrated with advanced ComAp control system, which allows for fully automatic operation with Remote Monitoring through internet/smart Phones. The on-going engine data logging helps to the control system that defines the scheduling of onsite maintenance activities.

Following will details the specifications of the Power Plants we can provide.

2 to 20 MW @ 50 Hz with LV / HV Voltage in the following range

LV Output Voltage : 380/ 400/415/440 V @ 50 Hz/ 60 HZ

HV Output Voltage : 3.3/6.6/11/22/33 KV @ 50Hz



DIESEL GENERATORS [50-1250 KVA]

Huge fleet of new generators within the age of 0-5 years for immediately delivery.
Generators with CAT, Cummins, Perkins, Volvo make engines with Stamford / Leroy Somer alternator
High sound attenuation as per international standards.
Options for power with 50/ 60 hz or 380/400/ 415 / 440 Volts.
Generators with Zone-2 compliance for special zone applications.
Generators can be provided with its related accessories like Power cables, Diesel tanks, Distribution Board, Transformers etc.. as per requirement.
Drip tray & Bunded Fuel tanks as per requirement.
Full Load testing & checking of all control & safety system functions before each unit dispatch
Cost effective & Reliable solutions with 24x7 committed service support with quick response time.
Tailor made solutions to suit 100% of your power requirements within short turn around time.

Special features

Units with ComAp synchronisation & Load management system for better fuel savings.
Remote Monitoring options for reducing breakdowns & data logging
Power systems with Auto transfer Switch / Auto Load sharing panels.

Rating @ 400V, 50Hz		Engien Make	Alternator Make	Dimensions					Max Current at 400V @ 50 Hz	75% Current at 400V @ 50 Hz	Fuel Consumption, in ltrs/Hour		
PrimePower in KVA	Prime Power in KW @ 0.8 P.F			Length, cm	Width, cm	Height, cm	Weight, kg	Diesel tank capacity, ltrs			on 100% load	on 75% load	on 50% load
50	40	Perkins	Stamford/ Leroy Somer	24	99	163	960	140	70	53	10.0	7.4	5.3
100	80	Perkins	Stamford/ Leroy Somer	311	130	158	2,200	280	140	105	21.0	15.6	11.1
150	120	Perkins, Volvo	Stamford/ Leroy Somer	350	138	176	3,600	420	210	158	31.0	23.1	16.4
200	160	Perkins, Volvo	Stamford/ Leroy Somer	390	130	192	4,500	560	280	210	42.0	31.2	22.3
250	200	Perkins, Volvo	Stamford/ Leroy Somer	390	130	192	4,800	700	350	263	49.0	36.5	26.0
300	240	Cummins, Volvo	Stamford/ Leroy Somer	425	136	220	5,200	840	420	315	62.0	46.1	32.9
400	320	Perkins, Volvo	Stamford/ Leroy Somer	395	140	191	5,800	1120	560	420	81.0	60.3	42.9
500	400	Cummins, CAT	Stamford/ Leroy Somer/ CAT	510	150	231	7,000	1400	700	525	101.0	75.1	53.5
645	516	Perkins, Volvo	Stamford/ Leroy Somer	587	190	230	8,000	1800	903	677	130.0	96.7	68.9
800	640	Cummins	Stamford/ Leroy Somer	700	240	274	12,000		1120	840	151.0	116.0	80.0
1000	800	Cummins, CAT, Komatsu	Stamford/ Leroy Somer/ CAT	606	240	285	15,000		1400	1,050	202.0	151.0	102.0
1250	1000	Cummins	Stamford/ Leroy Somer	606	240	285	18,000		1750	1,313	261.0	199.0	139.0

Engines Powering our Units



Alternators Powering our Units



POWER ACCESORIES

DIESEL TANKS

Diesel tanks from 500 to 5000 Imperial Gallons Capacity. We offer Bunded Tanks as well.

DISTRIBUTION BOARDS/ L.V PANELS

Various types of D.Bs/ LV Panels with current capacity from 500 Amps to 10000 Amps

ATS PANELS

Various capacity ATS panel to do automatic transfer of Power

POWER CABLES

Single Core Flexible cables with sizing 120, 150, 185, 240 sq.mm

DRIP TRAYS

Drip Trays suitable for various sizes of Generators

TRANSFORMERS

Transformers to handle voltage ratings from 400V-6.6KV, 400V -11KV, 400-22KV



AIR COMPRESSORS

PORTABLE DIESEL AIR COMPRESSORS

Following are the range of the portable air compressors we can offer.

Compressor Capacity, CFM	Working pressure, in Bar	Make of the Compressor
200	7 & 10	Atlas Copco, IR
250	7 & 10	Atlas Copco, IR
300	7 & 10	Atlas Copco, IR, , Sullivan Pallatek
400	7 & 10	Atlas Copco, IR, Sullivan Pallatek
600	7 & 10	Atlas Copco, IR, Sullivan Pallatek
800	7 & 10	Atlas Copco, IR, Sullivan Pallatek

ELECTRIC AIR COMPRESSORS

We can offer Electric Motor Driver Screw Compressors from 200 CFM to 1000 CFM with working pressure ranging from 7 bar to 20 bar

AIR DRIERS

Refrigerated Type Air Driers from 200 CFM to 1000 CFM

AIR SYSTEM ACCESORIES

Following Air System Accesories are available as required

Air Recivers from 1000 Liters to 5000 Liters

Air Coolers from 200 CFM to 1000 CFM

Following are the world reputed brands of air solutions products we use.



LIGHTING TOWER , LOAD BANKS

LIGHTING TOWER

Ligthing Towers driven by Diesel engines powering 4x1000W lamps.

Following are the world reputed make of products we use in this product series



LOAD BANKS

Load banks suitable for testing 50 KW to 1000KW @ 400V

Following are the world reputed make of products we use in this product series



AUTOMATIC LOAD MANAGEMENT & REMOTE MONITORING

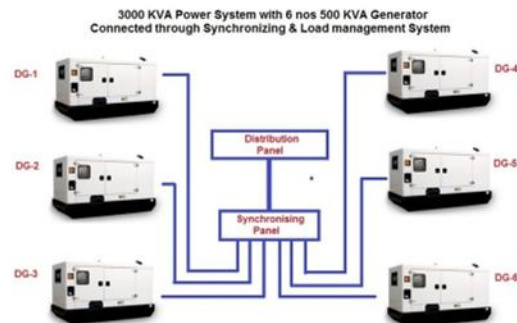
AL SHOLA Generators are controlled by ComAp make controllers, which will give advanced features like

Synchronizing
Automatic Load management
Online Monitoring



SYNCHRONIZING

When more power is required, we can connect multiple generators to one Totalising Panel by synchronizing the units with a synchronizing controller. This feature will make the system more economical in comparison to develop the same power from single unit. We use ComAp make Controller for doing this.



AUTOMATIC LOAD MANAGEMENT

Automatic Load Management refer to a situation where you use generators as per the load demand. By having this system you can make remarkable savings on diesel expenses when user end load is variable from 10% to 100%. This system automatically keep the generators ON /OFF as per the demand at user end.

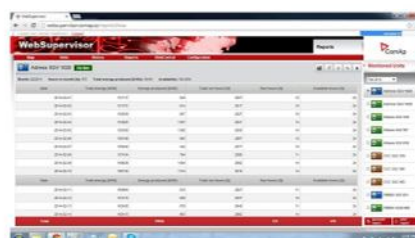
REMOTE MONITORING

This facility enables the user to access the operating parameters of each connected generator over internet through PC, laptop, Smart Phones like iPhone, Android etc.. This facility can be enabled by providing 3G data connection to the ComAp Controller fixed in the generator

It provides SMS alerts to the registered users to receive alerts as and when an event is logged in the generator. Events like Warning on high temperature/ low oil pressure etc..generates SMS alerts and which will helps the maintenance team to attended the generator before it shuts down. The user can get a complete log sheet of the Power developed by each generator with all related parameters in a periodic interval, which can replace the necessity of a person to keep generator logs.



Internet Screens of Remote Monitoring



Smart Phone Screens



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