



For more than 24 years, thanks to its solid experience and engineering know-how, Teksan has been providing tailor-made power solutions that can efficiently operate even under the most challenging conditions for major international projects such as constructions, telecommunications, data centers, shopping centers, hotels, residential buildings, supermarkets, sport centers, mining facilities, hospitals, research centers, educational institutions and industrial plants all around the world.

Today Teksan is not only meeting your unique project requirements with its internationally certified generator sets, in which world's top engine brands coupled with renowned alternators, but also providing expeditious after sales services, technical support and maintenance services in more than

120 countries. Teksan is always your reliable power solutions partner whenever and wherever you need.

In addition to standard product range, which are being produced with high quality craftsmanship, and world's leading engine and alternator brands, Teksan can also provide tailor-made power solutions comply with customer needs and requirements and can provide optional high tech add ons such as "Ultra Silent Canopy", "Remote Monitoring and Management".

Today Teksan Generator ranked 97th in "Leading Research & Development Companies" list, 436th both in "Top 500 Industrial Enterprises" and "Top 1000 Exporters" of Turkey.

SOME OF OUR TELECOM REFERENCES

■ Airtel	CONGO	■ JV Coscom	UZBEKISTAN	■ Tigo	CONGO
■ Allai Newroz Telecom	IRAQ	■ Kazakh Telecom	KAZAKHSTAN	■ Ucell	UZBEKISTAN
■ Alkan Telecom	EGYPT	■ Magticom Ltd.	GEORGIA	■ Uganda Telecom	UGANDA
■ Alsystelcom	ROMANIA	■ Mts	BELARUS, UZBEKISTAN	■ Ums	UZBEKISTAN
■ Brt Media	CYPRUS	■ Ooredoo Telecom	ALGERIA	■ Vodacom	CONGO, TANZANIA
■ Camusat	TANZANIA	■ Saudi Telecom	SAUDI ARABIA	■ Vodafone	NETHERLANDS
■ Helios Tower	CONGO	■ Turkcell	TURKEY	■ Xpress Telecom	JORDAN
■ Iceland Telecom Ltd.	ICELAND	■ Türk Telekom	TURKEY	■ Yemen Telecom	YEMEN

SOME OF OUR SPECIAL SOLUTIONS FOR TELECOM INDUSTRY

Tailor-Made System Designs

Special Insulation Options

Anti-Theft Solutions

High Capacity Fuel Tanks

Lightning Protection Solutions

Super Silent Canopies

Remote Monitoring System

Dual GenSets

Hybrid GenSet Applications

Stay connected...



TELECOM PRODUCTS RANGE



**EVERLASTING
COMPANY**

Telecom Solutions



PROJECT REQUIREMENTS

Supporting the transmitters used in the field with uninterrupted prime power sources with special sound level to prevent the interruption of communication services such as sound transmission and data transmission.

SOLUTION WE DELIVERED

600 units of prime generator sets, within 21-33 kVA range, have been produced with remote monitoring modules and special sound level. Due to fast delivery and competitive prices, Newroz Telecom has chosen Teksan as the reliable solution partner.

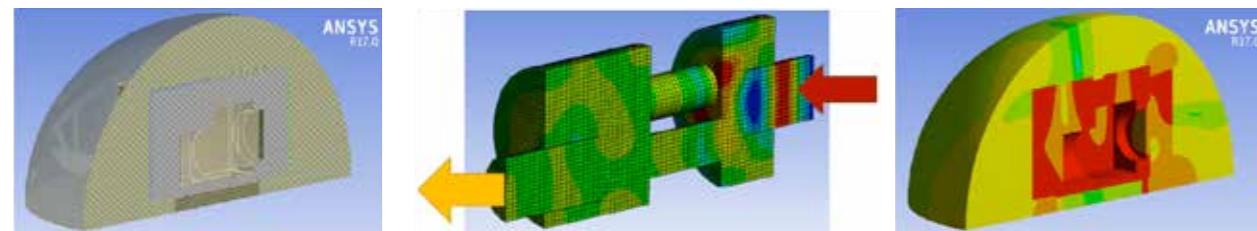
Also, the initial investment cost has been minimized with high quality Teksan products at reasonable prices, and customer has been provided with strong spare parts and technical service support.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Special insulated silent canopies delivering 60 dB(A) sound level @1 meter and to avoid dust and exterior temperature effects,
- Remote monitoring (GSM and Internet Based).

60 dB(A) @ 1m

Super Silent Canopies



PROJECT REQUIREMENTS

For the uninterrupted radio and television broadcasting, BRT Media has requested to install generator sets as back up power source at the highest points of Northern Cyprus which are 1024 meters above sea level.

SOLUTION WE DELIVERED

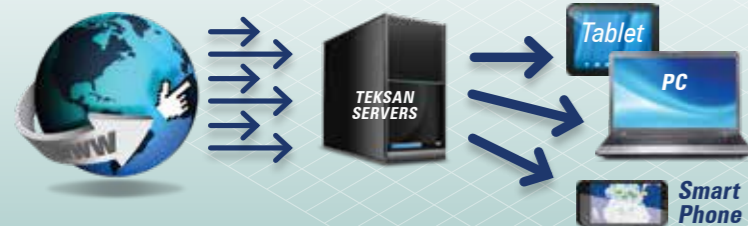
2 units of 660 kVA diesel generator sets were produced and installed for the base station so that broadcasting could continue uninterruptedly in case of a power outage in mains electricity. Special solutions that provide extra protection against challenging weather conditions such as dust, heavy rain and lightnings.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Special insulation options to avoid dust, heavy rain and exterior temperature effects,
- Special lightning protection system,
- Remote monitoring (GSM and Internet Based).



Remote Monitoring



PROJECT REQUIREMENTS

Cost effective dual generator sets with special sound level and remote monitoring to be used for maintaining base station operations without interruption.

SOLUTION WE DELIVERED

350 units of high quality prime generator sets, within 16-22 kVA range, were produced and served to the customer with competitive prices and fast delivery terms.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Dual Generator Sets to maintain uninterrupted operation of the base station,
- Electronic Fuel Level Sensor,
- Special insulated silent canopies delivering 70 dB(A) sound level @1 meter, and to avoid dust and other exterior effects,
- Remote monitoring (GSM and Internet Based),
- Special windowed door design enables to monitor control panel easily,
- Open door alarm buzzer.



PROJECT REQUIREMENTS

Stand by and prime generator sets that require minimum physical intervention are to be used for mobile and immobile base stations as well as for offices.

SOLUTION WE DELIVERED

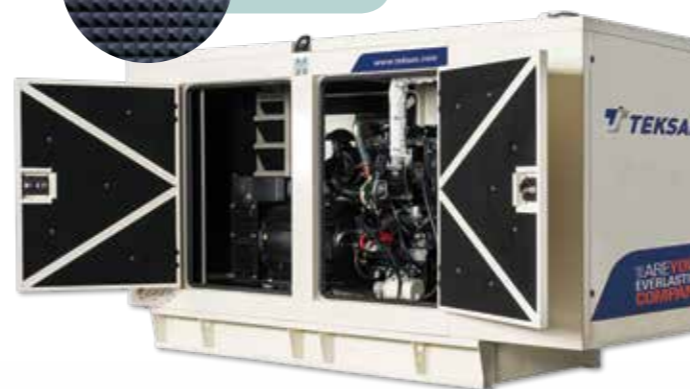
10 units of high quality, prime and standby synchronized generator sets in-between 22-167 kVA range served with competitive prices.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Special insulated canopies to protect from exterior effects,
- Remote monitoring (GSM and Internet Based),
- Oil pan, battery, control panel, filter and alternator heaters,
- Electronic fuel and oil level sensors,
- Automatic oil and fuel refilling,
- Special trailer design for the mobile base stations,
- High capacity fuel tanks.



Special Insulation



PROJECT REQUIREMENTS

Vodacom, the affiliate of Vodafone in Tanzania, needed high performing and cost effective stand by generator sets as back up power source to maintain operation of its telecom tower in Dar Es Salaam.

SOLUTION WE DELIVERED

2 units of 1130 kVA high performing synchronized diesel generator sets were provided with reasonable prices and delivered to the customer in a short span of time.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Synchronization with the grid,
- Special insulation options that protects from dust, and liquid damage as well as exterior temperature,
- Special windowed door design enables to monitor control panel easily,
- Electronic fuel and oil level sensors.



Tailor-Made Designs

PROJECT REQUIREMENTS

A cost effective generator set as the main off-grid power source for a telecom tower on a remote area was required by Turkcell, the biggest GSM operator of Turkey. With the project, Turkcell intended to decrease fuel and maintenance costs where to minimize the risk of monetary losses based on possible interruptions that may occur due the failure in operation of the telecom tower.

SOLUTION WE DELIVERED

A hybrid generator set that has lower CO2 emissions and fuel consumption rates, using an engine with extended periodic maintenance interval along with remote monitoring feature and high capacity fuel tank specially designed for the project. Thus, not only fuel costs but also operational expenses decreased and consequently less technical personnel and longer intervals are needed for the maintenance.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Full Anti-theft feature,
- Special insulated canopies to avoid exterior climate effects,
- Tailor-made product and trailer designs,
- Remote monitoring (GSM Based),
- High quality battery group delivering power for longer time,
- High capacity fuel tank.



Battery Bank



PROJECT REQUIREMENTS

Turk Telekom, the leading telecom operator and internet service provider in Turkey, requested a generator set as the main power source for energizing its telecom tower on a remote area. Main objectives of the project were decreasing the operational expenses while reducing the risks of financial losses due to power outages.

SOLUTION WE DELIVERED

Teksan designed a tailor-made hybrid generator set that can operate integratedly with solar panels to deliver 65% saving on fuel consumption and 80% decrease in engine operation time. Thanks to its engine with extended periodic maintenance interval, remote monitoring and high capacity fuel tank, system needs lesser technical personnel and longer intervals for the maintenance during its operations which to reduce operational expenses significantly.

SOME OF THE SPECIAL OPTIONS THAT PRODUCTS HAVE;

- Solar panel integration,
- Full Anti-theft feature,
- Special insulated canopies to avoid exterior climate effects,
- Tailor-made product design,
- Remote monitoring (GSM and Internet Based),
- High quality battery group delivering power for longer time.



Solar Panels & Wind Turbines