

ATLAS NRG

**DEFENCE
SYSTEMS**



INTRODUCTION

ATLAS TOUBKAL RANGE



Critical power requirements, in the military defence sector are of unimaginable importance and can even mean, the difference between mission success and failure.

Available as communications vehicle Gensets, field hospitals, camp power, or as any Gensets that comply with particular military requirements, defence Gensets.

Especially designed for extreme environments and emergency situations, defence Gensets can provide emergency power when needed the most. Ensuring power continuity and therefore the prevention of power failure and power outages, defence Gensets provide peace of mind to those that depend on them, allowing them to focus on more pressing matters.

Defence Gensets can withstand harsh terrains, protect against power strikes and ensure that power supply is always provided. Aiding military missions, ensuring crisp communication and data transfer, military Gensets can truly make or break the team they are serving.

OUR DEFENCE GENSET RANGE



ATLAS TOUBKAL RANGE

At ATLAS NRG TECH, we have an extensive range of defence Gensets and military Gensets that can be used for applications including field hospitals, military camps, communications vehicles and other key military sites and operations. Supporting your team during mission-critical endeavours and ensuring they're always in reach, your defence Genset will become an important part of your operations.

A diesel Genset from our industrial range is ideally suited for military applications, with their robust and compact structure, ease of transport and soundproofing capabilities. Within this diesel Genset range, we can supply, install and manage both 50 Hz Gensets and 60 Hz Gensets, as well as single phase Gensets and three phase Gensets.

ATLAS TOUBKAL MILITARY FEATURES

Withstand harsh conditions

Low infrared and noise signatures

Supported by internal resources

Rated power at high altitude

Fuel types including JP-8, JP-4, DF-1, DF-2, DF-A

Full featured Controller (SCADA)

Able to function in extreme ambient conditions

Delivers high-quality power consistently

Provides exceptional reliability

Provides movability on the battlefield

Combat scenarios survivability

MIL grade certified)

Electro-magnetic pulses resistant

Lowest Preventive Maintenance time

EMI/EMC Compliance

Diagnostic and prognostic capability

Stainless steel fuel tank SS304

Ease of Maintenance

Sliding system 50% and 100%

Provision for grouting

Smaller foot print

THE BENEFITS OF ATLAS TOUBKAL GENSETS



CUTTING-EDGE TECHNOLOGY PROVIDER

Comprehensive range of Gensets (7,5kVA to 270kVA) and transfer switch offerings.

Reliable solutions suitable for diverse applications with minimal risk.

ADVANTAGES OF ROBUST MOBILE POWER

Substantial operational advantages for various military branches.

Decreased logistical burden in terms of fuel and maintenance.

Enhanced mobility and ease of transport for units.

Considerable savings in operations and maintenance expenses.

ATLAS TOUBKAL DEFENCE POWER SOLUTIONS



MOBILE ENERGY SOLUTIONS

GENSET FOR CBRN VEHICLE AND AUXILIARY POWER UNITS



DEFENCE FACILITIES



ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL20 CBRN

20 kVA Type Approved DG set for CBRN Vehicle, designed for Disaster First Responders. The complete system is integrated in a metallic acoustic canopy:

Power rating : 20kVA

Diesel Engine : 35.4kW

Alternator : 25kVA

Control : AMF Panel

Operation temperature : - 20C° to + 55 C°

Operation Altitud : up to 3000 m.a.s.l

Dimensions (LxWxH): 2500 X 1200 X 2000(mm)

Weight : 1200 kg

Fuel Tank : 75 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 45 TWIN

MIL Standard Environmental Tests and EMI/ EMC compactable Twin 45 kVA Genset mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy and can be configured for different ambient conditions:

Power rating : 2 X 45kVA

Diesel Engine : 62.6kW

Alternator : 62.5kVA

Control : AMF Panel / Bypass Panel / Remote Panel

Operation temperature : - 10C° to + 55 C°

Operation Altitud : up to 4160 m.a.s.l

Dimensions (LxWxH): 2500 X 2500 X 2000(mm)

Weight : 3500 kg

Fuel Tank : 130 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 25 TWIN

MIL Standard Environmental Tests and EMI/ EMC compactable Twin 25 kVA Genset mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy:

Power rating : 2 X 25kVA

Diesel Engine : 34.5kW

Alternator : 31.5kVA

Control : Dual AMF Panel / Remote Panel

Operation temperature : - 20C° to + 55 C°

Operation Altitud : up to 4160 m.a.s.l

Dimensions (LxWxH): 2400 X 1100+1100 X 1555(mm)

Weight : 2400 kg

Fuel Tank : 70 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 7,5

Rugged MIL Standard Environmental Tests and EMI/ EMC approved 7.5 kVA Genset mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy, and can be configured to the harshest ambient weather conditions in the world:

Power rating : 7.5kVA

Diesel Engine : 15.4kW

Alternator : 15kVA

Control : AMF Panel / Remote Panel

Operation temperature : - 20C° to + 55 C°

Operation Altitud : up to 4500 m.a.s.l

Dimensions (LxWxH): 1500 X 1035 X 1575(mm)

Weight : 825 kg

Fuel Tank : 50 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 50 TWIN

MIL Standard Environmental Tests and EMI/ EMC compactable Twin 25 kVA Genset mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy:

Power rating : 2 X 50kVA

Diesel Engine : 62.5kW

Alternator : 62.5kVA

Control : AMF Panel

Operation temperature : - 20C° to + 55 C°

Operation Altitud : up to 2000 m.a.s.l

Dimensions (LxWxH): 2500 X 2500 X 2000(mm)

Weight : 3500 kg

Fuel Tank : 150 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 20

EMI/ EMC complied 20 kVA Genset set mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy:

Power rating : 20kVA

Diesel Engine : 34.5kW

Alternator : 25kVA

Control : AMF Panel

Operation temperature : - 20C° to + 55 C°

Operation Altitud : up to 4160 m.a.s.l

Dimensions (LxWxH): 2400 X 1000 X 1900(mm)

Weight : 1200 kg

Fuel Tank : 70 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 25

Approved Environmental Test passed and EMI/ EMC complied 25 kVA Genset set mounted on 6x6 vehicle for Mine Field Marking Equipment :

Power rating : 25kVA

Diesel Engine : 34.5kW

Alternator : 31.5kVA

Control : Remote Panel

Operation temperature : - 10C° to + 55 C°

Operation Altitud : up to 2000 m.a.s.l

Dimensions (LxWxH): 2400 X 1100 X 1555(mm)

Weight : 1500 kg

Fuel Tank : 70 L

ATLAS TOUBKAL RUGGED SOLUTIONS



TOUBKAL 3 X 90 TRIPLET

EMI/ EMC complied 20 kVA Genset set mounted on trailer truck to aid power requirements of electronics equipment available on another Vehicle. The complete system is integrated in a metallic acoustic canopy:

Power rating : 3 X 90kVA

Diesel Engine : 100kW

Alternator : 120kVA

Control : Remote Panel

Operation temperature : - 10C° to + 55 C°

Operation Altitud : up to 2000 m.a.s.l

Dimensions (LxWxH): 2650 X 2000 X 2200(mm)

Weight : 4500 kg

Fuel Tank : 200 L

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