



TRUST. WELL EARNED.

## Mobile & Trailer Mounted Generators

BRUSH is one of the market leaders when it comes to mobile and emergency power generators.



### Introduction

BRUSH has been at the forefront of the trailer set market since their introduction in 1995. Technology has improved, but the key focus of the product has not shifted. Power: where you want it, when you need it.

BRUSH has an outstanding history of producing high output, low weight, trailer mounted generators with minimal footprint. These generators are truly mobile and are operated across some of the harshest environments and most remote parts of the globe.

Typically driven by aeroderivative gas turbines a maximum output of 65MVA is now available.

With over 400 trailer generators delivered, the time-proven DAX range, built in European ISO accredited sites, are specified by leading industrialists, EPCs and facility operators.

### Key Features

- **Low Weight**  
Designed specifically for the lowest possible weight, so transportation costs are minimised
- **Compact solution**  
Overall dimensions minimised for ease of transportation
- **Quick installation times:**  
Rotor is shipped installed within the stator ready for operation
- **Operates in extreme environmental conditions:** Suitable for any location
- **Class leading power to weight ratio**
- **Designed for peak and base load operation**
- **Service 24™**  
Provides one number to call for worldwide support – ideal when reduced turnaround time on maintenance issues is required
- **Dual frequency**  
No set-up or part changes are required.



## Technical Specifications

### Voltage

Up to 16 kV

### Excitation

Brushless

### Insulation

Class F

### Frequency

50 and/or 60 Hz in one machine

### Output

10 to 65 MVA

### Drive

Single

### Driver

Aeroderivative Gas turbine

### Design Standards

IEC & IEEE Compliant

## Options

- Low temperature operation
- Low noise
- Lightweight
- Multiple heat exchanger options
- Low inertia
- Harsh environment operation
- Capable of synchronous compensator operation
- Static excitation

## Unique Design Features

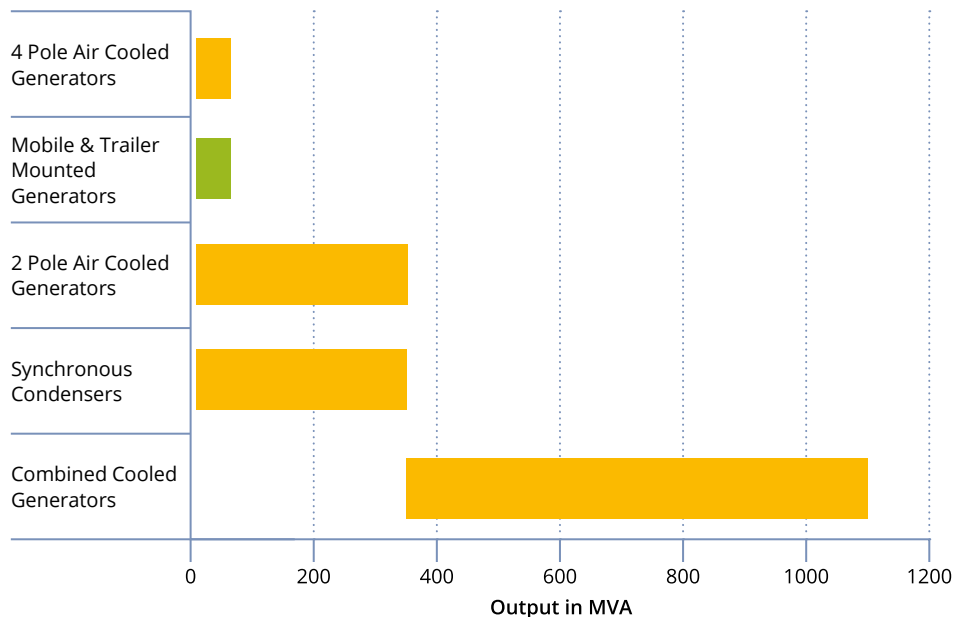
The BRUSH range of mobile and trailer mounted generators is based upon the time proven DAX range of generators, sharing the same basic technology principles.

The design has been enhanced and focuses on the overall envelope of the generator, weight and ease of transportation & installation.

- **Stator core**  
Optimised packet & vent arrangement to minimise overall dimensions and mass
- **Stator Frame**  
customer interfaces, with a focus on reduced mass
- **Material choices**  
Lightweight low loss materials selected



## Output Range



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