

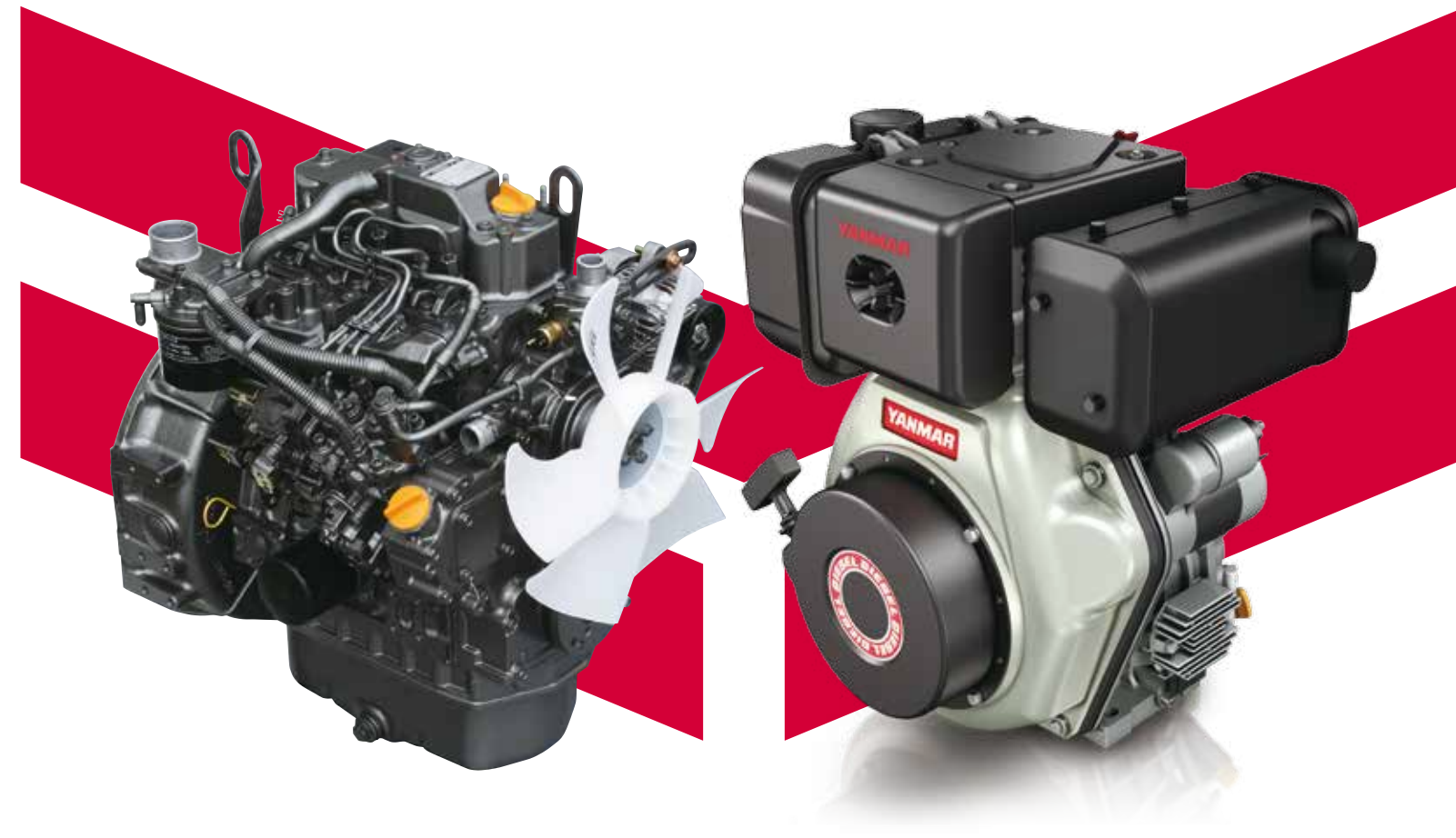


**YANMAR**

INDUSTRIAL ENGINES

# **Variable Speed Genset Engine Series**

1 - 18 kW



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# THE SECRET OF LOW OPERATION COSTS? OUTSTANDING FUEL ECONOMY

## YANMAR

Take control of your operating costs!



### Key features

- Fuel economy
- Power output
- Unrivalled long-term reliability
- Ease of maintenance
- Quieter operation
- Compact profile
- Downsizing of the engine

#### Giving an edge in fuel savings

Yanmar has been at the forefront of seeking better fuel economy for over a century, in accordance with the original founder's philosophy that "saving fuel is serving mankind". Thanks to our partnerships with leading companies in permanent magnet generators, we are now able to offer engines specifically designed for variable speed gensets.

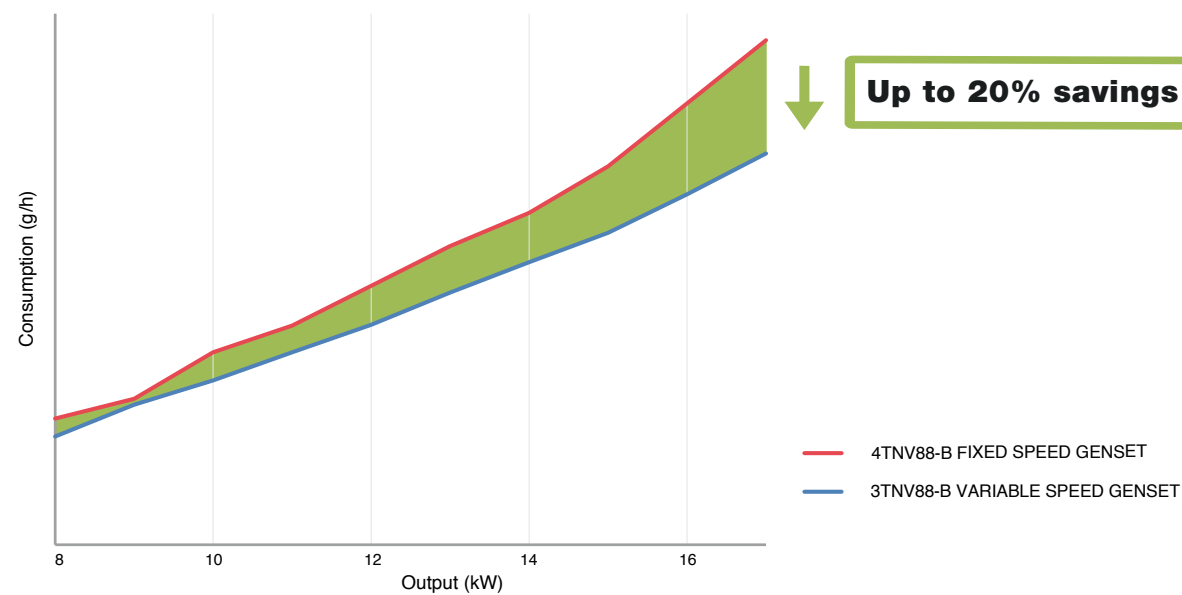
As for the performance figures, this lower displacement variable speed unit offers the same power as a larger fixed speed unit but with outstanding fuel **savings of up to 20%**.

#### Total cost of ownership

The combination of this new technology and Yanmar's unique fuel efficiency result in a remarkable reduction of fuel consumption and environmental footprint. The savings coming from fuel efficiency adds up to the legendary reliability and durability of Yanmar engines, allowing our customers to achieve unprecedented operating cost reductions.

This series is a plug-in configuration for variable speed gensets, carefully optimized with the help of our partners. Its dependability is proven in the field in some of the toughest environmental conditions, both in simple as well as hybrid power generation systems.

Fuel Consumption



#### Specifications

| Model         | Unit   | 3TNV88-BD | L100N   |
|---------------|--------|-----------|---------|
| Cylinders     |        | 3         | 1       |
| Valve         |        | 2         | 2       |
| Aspiration*   |        | NA        | NA      |
| Displacement  | liter  | 1.642     | 0.435   |
| Max. power    | kW     | 28.2      | 7.4     |
|               | HP     | 38        | 10      |
|               | rpm    | 3000      | 3600    |
| Bore x Stroke | mm     | 88 x 90   | 86 x 75 |
| Dimension     | Length | mm        | 412     |
|               | Width  | mm        | 472     |
|               | Height | mm        | 494     |

\*NA = Naturally aspirated | TC = Turbocharged