

LPG



GENERATING SETS
GPL RANGE

LPG POWERED GENERATORS



100% MADE IN ITALY



WWW.VISA.IT

GENERATING SETS GAS POWERED RANGE

 ENGLISH VERSION

WHY A GAS GENERATOR?

- GROWING ELECTRICAL POWER DEMAND
- INCREASED DURABILITY WHEN COMPARED TO DIESEL
- LOW OPERATING COSTS
- LONG SERVICE INTERVALS
- LOW RISK OF FUEL THEFT
- CLEAN EXHAUST AND LOW EMISSION

CONTINUED STRONG GROWTH IN GAS-FUELLED ENGINE CONSUMPTION

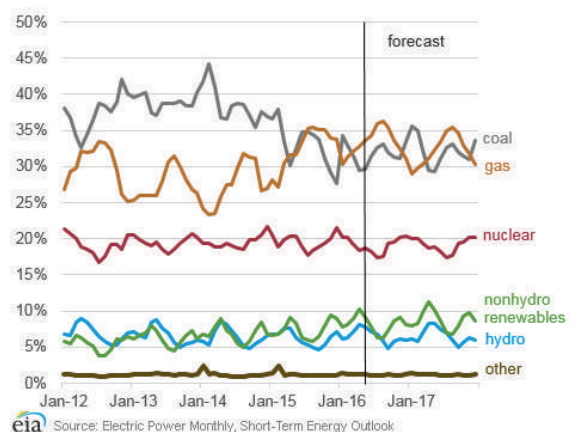
We have developed a flexible and versatile range of gas engine generating sets that meet all of the increasing demands. Created in cooperation with Perkins engine manufacturer to reply to the demand of cleaner power.

We have designed a new power generation range to handle gas fuel, providing reliable power for electricity, low cost and continuous power generation.

Our product range will also expand into the 60 Hz market, offering new opportunities in new territories. To ensure you receive flexibility and choice that is truly unique, we are also using our vast experience and expertise in diesel to develop common core technologies to run on either diesel or gas.

**GLOBAL ELECTRICAL POWER DEMAND
IS ON THE RISE,
GAS BECOMING A KEY ENERGY SOURCE
FOR POWER GENERATION.**

WORLD ENERGY CONSUMPTION BY FUEL





BENEFITS

SOLID INDUSTRIAL DIESEL GENERATOR
PROVEN DURABILITY
IN DEMANDING APPLICATIONS

START SAVING
ON FUEL COSTS
RIGHT AWAY!

LONG
SERVICE
INTERVALS

1000 H
EXTENDABLE WITH
SPECIAL KIT
UP TO **2000 H**

REDUCE THE
CARBON FOOTPRINT
AND THE ENVIRONMENTAL IMPACT
OF AN INSTALLATION

LOW RISK OF
FUEL THEFT

CLEAN EXHAUST
NO VISIBLE SMOKE, MINIMAL EXHAUST ODOUR
UP TO 50 °C AMBIENT TEMPERATURE
LOW CO₂, NO_x EMISSIONS AND PARTICLES IN SUSPENSION

MAKE THE SMARTEST CHOICE FOR TOMORROW

Perkins 404A-22SG1 ENGINE



PERFORMANCE

1500 rpm / 1800 rpm
 Fuel system -Woodward PG08.
 Electronically controlled vapour draw system
 12v electrical system, off engine mounted ECM
 Electrical ancillaries
 Combustion system-manifold vapour fuel induction.

MAJOR ITEMS SERVICE SCHEDULE

Oil and filter 1000 hours
 Valve lash 1000 hours
 Spark plugs 3000 hours
 Fuel filter customer specified, target >1000 hours

DEVELOPED WITH PERKINS

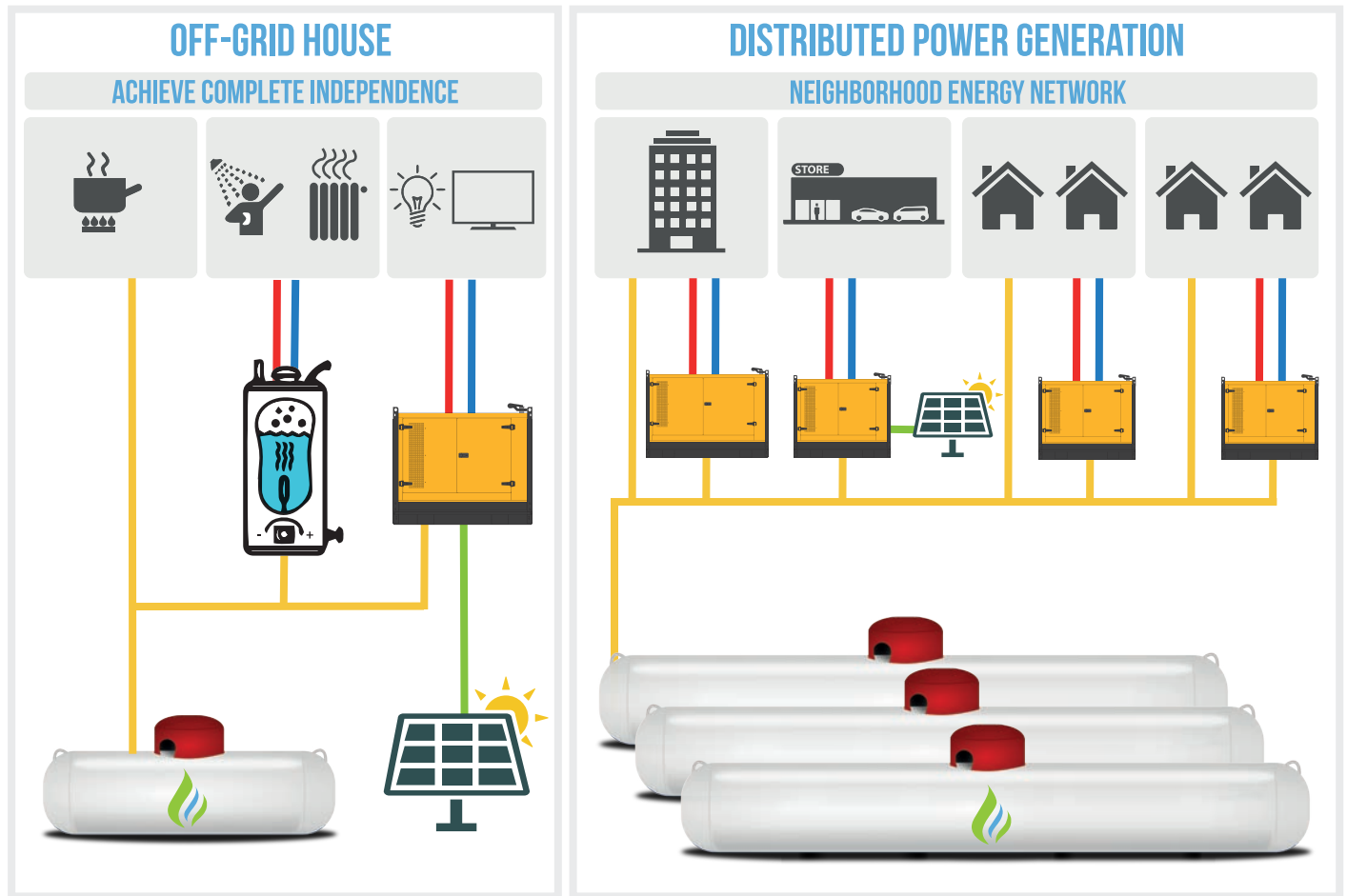
Perkins Engine Co. and Visa SpA carried out performance tests on the LPG genset with Perkins engine 404A-22SG1. The tests were performed by Perkins Applications Engineer Paul Wright and our Research & Development team. The results were excellent and confirms the viability of the service interval which exceed a 1000 hrs. After 300 hours of operation the engine oil maintained its characteristics and was as clean as new oil.



The LPG Genset performance is as good as the diesel Genset; this includes load acceptance and ease of service. The superior points include low noise, clean exhaust and long service periods. For instance, engine oil change and filters exceeds 1000 hrs.

There are several potential markets and customers for LPG powered Gensets: Telecom and industrial are the major markets. Risk of Diesel theft and a long service interval makes this product very attractive for some telecom applications, as well as the growth in gas use has pushed a lot of industrial applications to shift to gas Gensets.

GAS GENERATORS AND THE DISTRIBUTED GENERATION



INSTALLATION EXAMPLE: DISTRIBUTED GENERATION

Distributed generation is an approach that employs small-scale technologies to produce electricity close to the End Users'. DG technologies often consist of modular generators (and sometimes with the addition of renewable-energy), and offer a number of potential benefits. In many cases, distributed generators can provide lower-cost electricity and higher power reliability and security with fewer environmental consequences than can traditional power generators.

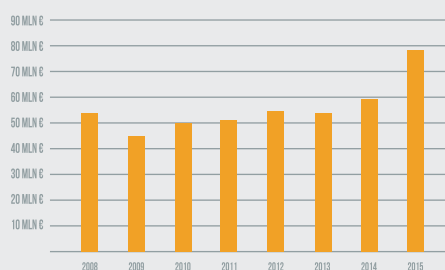
In contrast to the use of a few large-scale generating stations located far from load centers, the DG systems employ numerous, but small plants and can provide power onsite with little reliance on the distribution and transmission grid.

"Neighborhood energy network" is available for neighborhood-based facilities that are owned by (or serve the energy needs of) a group of 10 or more residential customers in a single neighborhood and served by a single utility. The neighborhood facility may also serve additional customers (including commercial). The net metering credits from a neighborhood net metering facility can be allocated to the customers in the neighborhood that own, or are served by, the facility.

VISA SPA IN NUMBERS



**PRODUCTS DESIGNED
AND MADE IN ITALY
FONTANELLE (TV)**



76,5 MLN
REVENUE IN 2015



281 EMPLOYEES



45.000 SQM
ASSEMBLY AREA
IN **5** MANUFACTURING PLANTS



**OPERATING IN
80 COUNTRIES WORLDWIDE**



4900
GENERATING SETS
PRODUCED IN 2015



★ **YEARS OF EXPERIENCE** ★
SINCE **1960**

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ITALY



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