

DISCOVER NEW ENERGY

XPSEL TOOL RESULTS

xelectrix Power: Hybridization of a Genset

Load Profile and Generator without xelectrix Product

Generator:	45 kVA - 36 kW	Average load factor:	39 %
Maximum consumer demand:	30,39 kW	Annual energy consumption:	123.744 kWh

Optimum product based on economic / environmental factors*

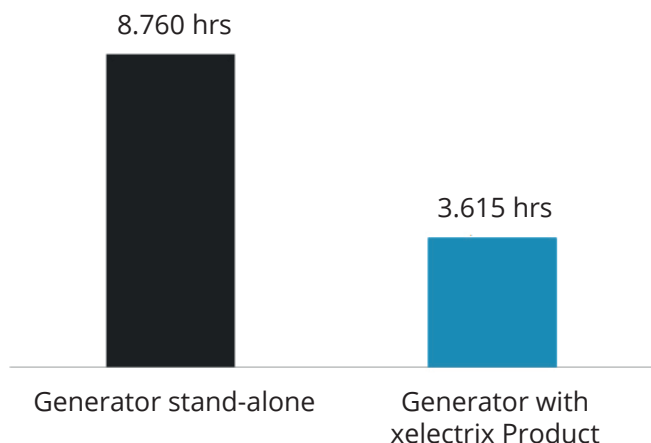
Product:	XPB-PRO
Inverter:	30,39 kW
Storage:	120 kWh
Battery Cycles:	700 cycles / year
Expected lifetime:	11 years



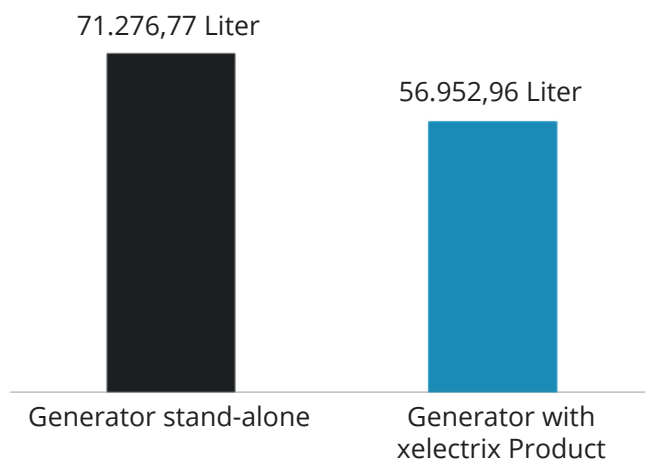
* Criteria: CO₂ reduction, generator run time reduction, LCOE, ROI, life time savings, battery life time

Comparison of running hours and fuel consumption

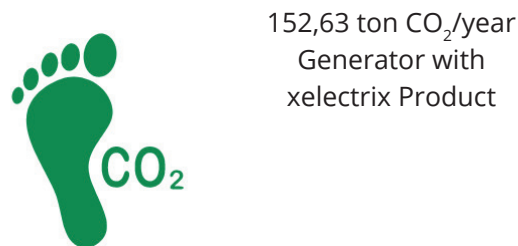
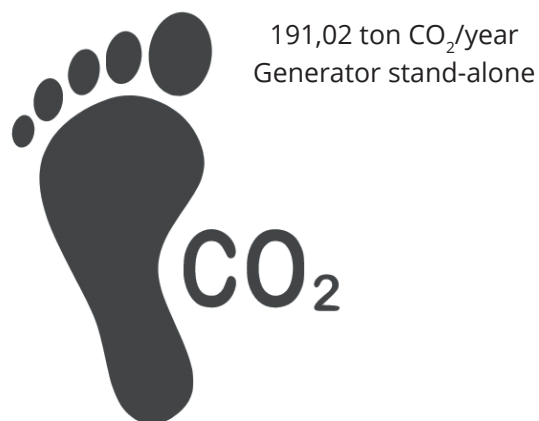
RUNNING HOURS



FUEL CONSUMPTION

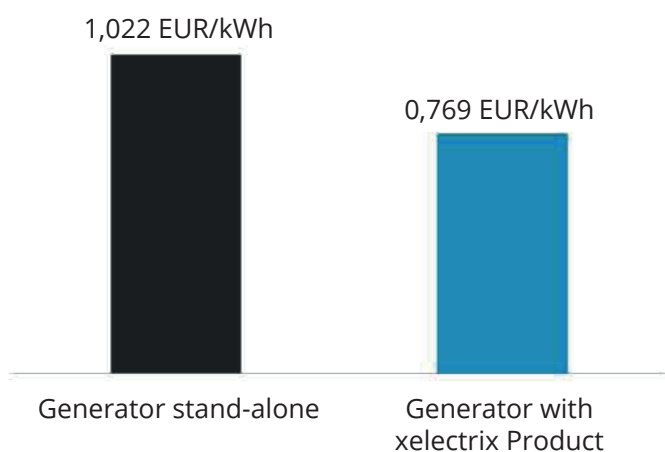


CO₂ Emission reduction

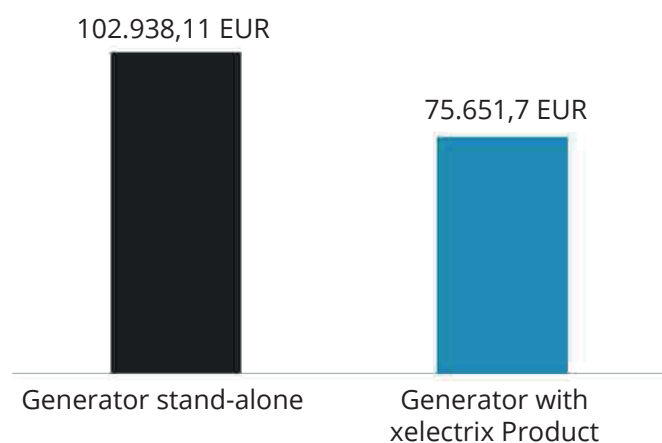


Cost of electricity and total operating costs

LEVELIZED COST OF ELECTRICITY

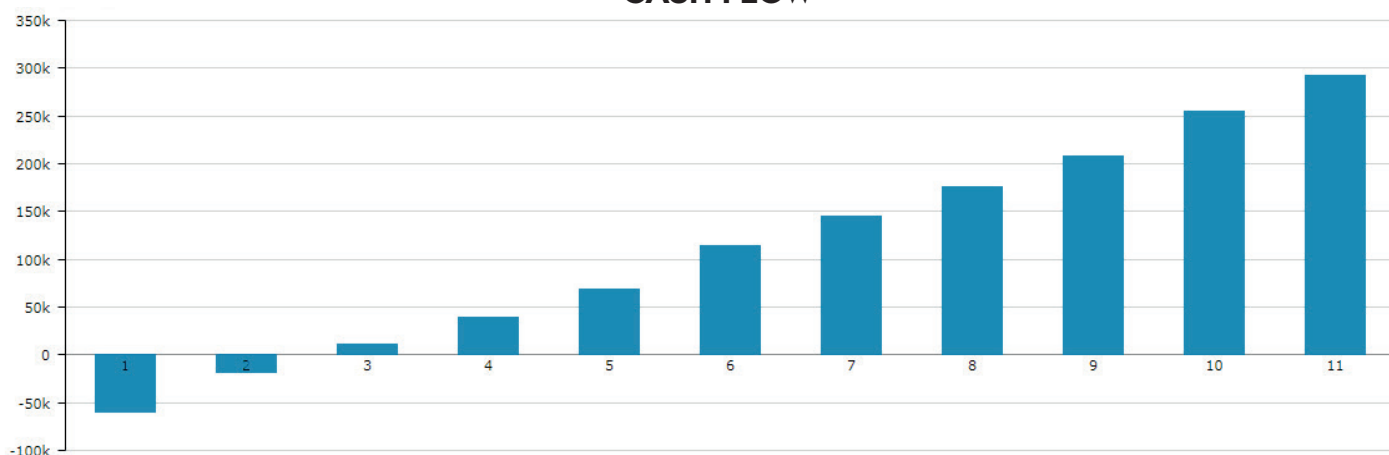


TOTAL OPERATING COST IN 1 YEAR



Break-even: in 2,6 years!

CASH FLOW



Simulation based on given inputs - for more information, please contact us: www.xelectrix-power.com
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