

Hybrid Solution

Thanks for using Atlas Copco ECO Calculator.

Summary of the project:

Project name: 20250409 081130

Area	Temperature	Altitude	Phase	Frequency	Voltage
European Union & U.K.	25 °C	500 meters	3Ph	50Hz	400/230V

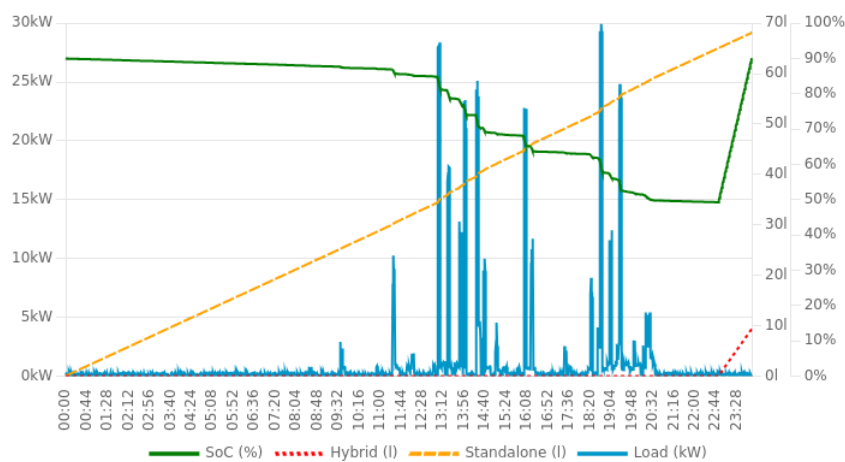
Main conditions	
Application	Industry / Construction critical loads
Maximum load kW	30
Offset maximum load	0%
Working hours per day	24
Daily energy requested (kWh)	27
Working days	365

Your solution:

Standalone



Hybrid



	QAS 100 S3A (Liters)	EPH 100 S5 (Liters)	SAVINGS	
			Liters	EUR
FUEL full period consumption	24.864,7	3.417,1	21.447,6	32.171,42
DEF full period consumption	0,0	0,0	0,0	0,00
OIL full period consumption	148,9	7,2	141,7	708,40
Maintenance services	17	0		13.600,00
			Total savings EUR	46.479,82
			Total savings %	90,0%

Performance results	1% Average load	59% Average load 0,5 Cycles/day at max DOD of 51%	SAVINGS	
CO ₂ emissions (ton)	65,6	9,0	56,6	86,3%
Genset running hour	8.760	426	8.334	95,1%
Estimated lifetime genset (years)	1,6	32,9		



Atlas Copco Power and Flow Division
atlascopco.com