

Wärtsilä gas engine 9.9MW power plant for sale

We offer a gas fired power plant featuring 3 Wärtsilä W220SG18V gas engine gensets, totalling a power output of 9,9 MW.

The plant, built in 2002 has totalled approx. 12'000h of operation and was withdrawn from duty due to changed boundary conditions while the units were perfectly maintained and excellently performing.

This modular built power plant is easy to relocate as the packages are preconfigured as modules. This plant is ideally suitable for baseload as well as island operation, peaking, emergency duty or to stabilize grids. The good efficiency and immediate availability makes this plant ideal to provide immediate energy to data centers.

The plant has black start capability and is fuelled with natural gas.

The plant is in good overall condition, the site ambient conditions, i.e. very dry atmosphere and absence of corrosive agents such as salt or industrial emissions allow perfect preservation.

The main machines have been visually inspected and deemed in good condition.



	Unit 1	Unit 2	Unit 3
Genset			
Manufacturer	Wärtsilä	Wärtsilä	Wärtsilä
Model	W220SG18V	W220SG18V	W220SG18V
s/n	281083	281084	281085
Year of construction	2001	2001	2001
Nominal power	3.3 MW	3.3 MW	3.3 MW
Efficiency	38.5%	38.5%	38.5%
Operating speed (rpm)	1500	1500	1500
Fuel Type	Natural Gas	Natural Gas	Natural Gas
Ignition	Spark plug	Spark plug	Spark plug
Generator			
Manufacturer	ABB Automation	ABB Automation	ABB Automation
Model	AMG 630 L4	AMG 630 L4	AMG 630 L4
S/N	108022	108032	108023
Alternator type	Synchr. 3ph	Synchr. 3ph.	Synchr. 3ph.
Power (kVA)	4'375	4'375	43'75
Voltage Generation (V)	11'000	11'000	11'000
Frequency (Hz)	50	50	50
Operation data counter			
Total operation	Ca.12'000 h	Ca.12'000 h	Ca. 12'000 h

Scope of supply :

- 3 x 3.3 MW Wärtsilä gas engine generator packages, including
 - Pneumatic starting system,
 - Control cubicles located in a control container
 - Fin-fan coolers for each unit
 - Gas skids (one main and one for each unit)
 - Step-up transformer
 - Emergency diesel generator

Sales price: on request.

As-Is-Where-Is basis: buyer must dismantle the equipment at own cost. Site can be easily accessed with heavy lifting equipment.

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