

STORM

Compact, versatile energy

TECHNICAL DATA SHEET

Specification

- Automatic voltage regulation
- MODYS with prewiring for automatic start-up
- Working hours counter
- Lifting ring
- Tank filling from inside
- Fuel level visible from outside
- Generating set padlock
- Protective grille for hot and rotating parts
- Easy access for maintenance



General specifications

Engine type	KOHLER / KDW 502	
Alternator type	MECCALTE / ES20FS-130	
Cooling type	WATER	
MODELS	S6-HM	S7-UHM
Frequency (Hz)	50	60
Max. ESP output (kWe) @ 35°C	5.6	6.6
Max. PRP output (kWe) @ 35°C	5.1	6.0
Reference voltage (V)	220/110	120/240
Current (A)	25/51	55/27
Standard control unit	MODYS	
Tank capacity (L)	30	
Maximum run time @ 75% ESP (h)	13.6	11.5

Engine specifications

Cubic capacity (cc)	505	
No. of cylinders	2	
Fuel consumption @ 75% (l/h)	2.2	2.6

Dimensions and sound level

Length (mm)	1165	
Width (mm)	705	
Height (mm)	783	
Net weight (kg)	245	
Sound level @ 7m dB(A)	65	68

Conditions of use

In accordance with standard ISO 8528, the generating set's nominal output rating is indicated for an ambient air temperature of 25°C, barometric pressure of 100 kPa (approximate altitude 100m) and relative humidity of 30%. To find out the conditions specific to your installation, refer to the derating table.

Definition of outputs

PRP: main power available continuously under variable load for an unlimited number of hours annually, in accordance with ISO 8528-1.

ESP: Emergency Standby Power available for supplying emergency power under variable load in accordance with ISO 8528-1, no overload available for this service.



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PPR-ST-DO-US-21
50Hz 60Hz



Energy Solutions Provider

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HANDLING

Lifting ring and mounting brackets for fork lift use:
Simplified logistics.



STRONG

Water cooling:
This industrial engine is ideal for continuous operation and helps extend the generating set's service life.

COMPACT

Reduced size:
STORM generating sets are small, allowing them to be stacked* on 3 levels. This means optimised storage and logistics.

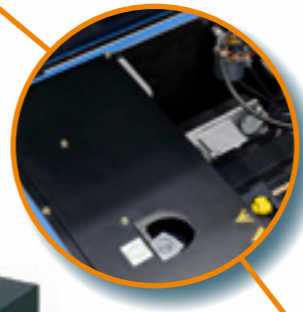
*The gensets are packaged in boxes



46 units in a 20-foot container.
96 units in a 40-foot container.

SAFETY

Protective panel for fan and hot parts:
A guarantee of increased user safety.



SILENCER

Integral cover and soundproof foam:
From 25 to 50 mm thick, this foam allows the genset to reach 65 dB(A) @ 7m (50 Hz) and 68 dB(A) @ 7m (60 Hz).

SAFETY

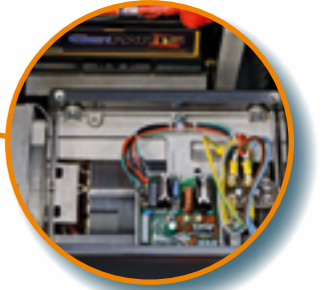
Locking catch: This catch prevents access to the inside of the genset.

Mobile tank:
Accessible from inside, it also prevents fuel theft.



RELIABILITY

Voltage regulator:
A regular current to protect the most sensitive equipment.



ERGONOMIC

Control panel front:
Easily accessible, this area contains all the tools used to control the genset:
- MODYS control unit,
- voltmeter,
- working hours counter,
- circuit breaker, etc.



MAINTENANCE

Removable front panel:
Easy maintenance thanks to clear engine access.

ACCESSORIES AVAILABLE (supplied unassembled)

<h3>HANDLING</h3> <p>Trolley kit: This accessory allows the genset to be moved without the need for additional equipment.</p>	<h3>ERGONOMIC</h3> <p>Socket pack: Optional equipment for simplified connection.</p>
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