STORM

Compact, versatile energy

PPR-ST-DO-US-21

50HZ 60HZ

SDMO®

Energy Solutions Provider

STORM

Compact, versatile energy

HANDLING

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

SAFETY

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

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.

ACCESSORIES AVAILABLE (supplied unassembled)

HANDLING

Trolley kit:
This accessory allows the genset to be moved without the need for additional equipment.

ERGONOMIC

Socket pack:
Optional equipment for simplified connection.

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.

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TECHNICAL DATA SHEET

PPR-ST-DO-US-21 - 50HZ 60HZ - English

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 DIESEL / KDW 502	
Alternator type	MECCALTE / ES20FS-130	
Cooling type	WATER	
MODELS	S6-HM	S7-UHM
Frequency (Hz)	50	60
RPM	3 000	3 600
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

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.

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.

SDMO

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