

RENTAL POWER

EVENT

Extra-discreet for specific applications

By optimally reducing the sound level of its generating sets, SDMO can offer the ideal solution for all events specialists. More generally, EVENT technology is perfectly suited to sensitive environments, such as urban areas, for example.

Damping mechanical noises

- The engine/alternator assembly is placed on anti-vibration mounts to prevent structure-borne noise.
- The polyurethane honeycomb foam which surrounds the mechanical part of the generating set has been increased to a thickness of 60 mm.

Reducing the space in air intakes and outlets

- Acoustic baffles trap the sound by directing it into restricted spaces.
- The intakes and outlets are placed on the roof to reduce the noise around the generating set.

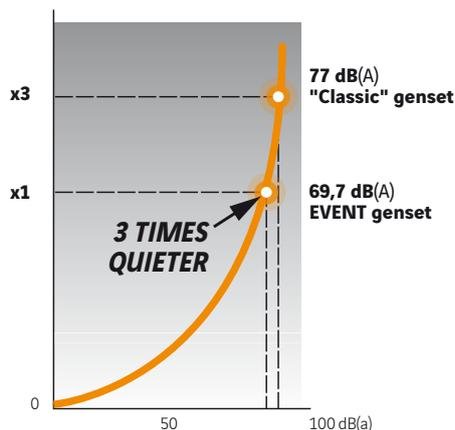
Guaranteeing soundproofing during handling phases

- The control units and power connections are separate from the engine/alternator assembly by an insulating wall which ensures the same sound level with the doors open.



Noise reduction: every dB(A) counts!

Noise level for a 350 kVA genset



PRODUCT PLUS

Special EVENT products

- Safety and ease of use with Power Lock and the connector strip.
- Autonomy and environmental protection thanks to the double walled chassis with large fuel and bulk tanks.
- Ease of use and handling with side ladders.



Technical specifications

| SDMO part no. | R275C2E | R350C2E |
|--|----------------|----------------|
| Generating set | | |
| PRP power (1) kVA/kW | 250/200 | 318/255 |
| ESP power (2) kVA/kW | 275/220 | 350/280 |
| Current (A) | 397 | 505 |
| Sound level (dBA) @ 1 metre | 69 | 71 |
| Alternator | | |
| Make | LEROY SOMER | LEROY SOMER |
| Model | LSA462L6 | LSA462VL12 |
| Engine / 1500 rpm | | |
| Make | VOLVO | VOLVO |
| Model | TAD734GE | TAD941GE |
| Prime output (kW) | 225 | 295 |
| Number of cylinders | 6 | 6 |
| Auxiliary voltage | 24 | 24 |
| Cubic capacity | 7.15 | 9.36 |
| Consumption at 75% load (L/h) | 42.6 | 50.6 |
| Fuel / Cooling | Diesel / Water | Diesel / Water |
| Fuel | | |
| Capacity of high autonomy tank in L | 1300 | 1300 |
| Autonomy with large fuel tank (in hours) | | |
| at 100% load | 24.3 | 19.1 |
| at 75% load | 30.5 | 25.7 |
| at 50% load | 42.6 | 37.0 |
| Dimensions with double wall chassis | | |
| | M228 | |
| Length/Width/Height (mm) | 5360X1700X2600 | 5360X1700X2600 |
| Weight in running order (in kg) | 6170 | 6360 |

(1) PRP: main power available continuously with variable load for an unlimited time in accordance with ISO 8528-1.
(2) ESP: standby power available for supplying emergency power with variable load applications in accordance with ISO 8528-1, no overload available for this service.