

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.

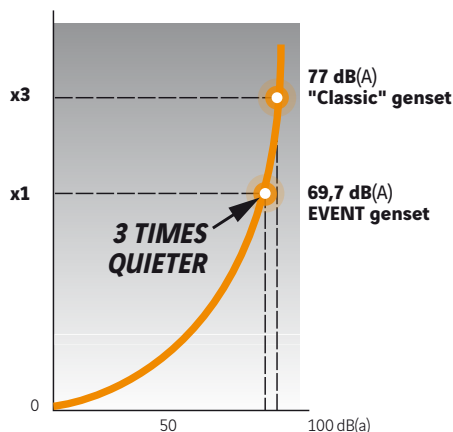
Guaranteeing soundproofing during handling phases

- 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.