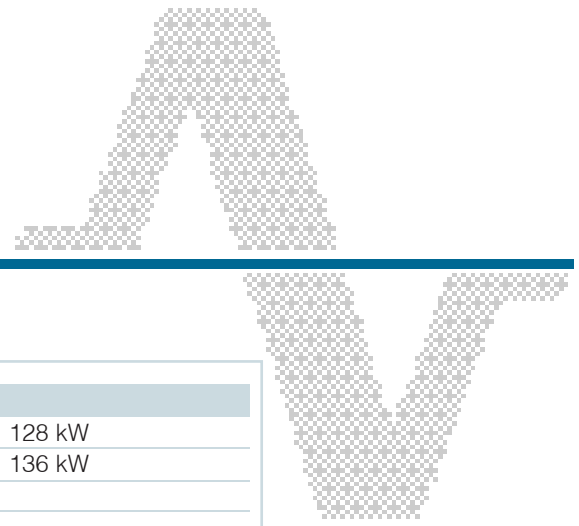




# AUSONIA

OUR ENERGY. YOUR POWER



TECHNICAL DATA

## DE0160SWD

### GENSET SPECIFICATIONS

Prime Power (PRP)	160 kVA	128 kW
Stand-by (LTP)	170 kVA	136 kW
Power factor (cosphi)	0,8	
Voltage	400/230 V	
Frequency	50 Hz	

### ENGINE SPECIFICATIONS

Brand	DEUTZ
Type	BF6M 1013EC
Net engine power prime	142,2 kW
Net engine power stand-by	149,2 kW
Aspiration	TCA
Cycle	diesel 4 stroke
Cooling	water
Speed	1500 r.p.m.
Cylinders	6L
Bore x stroke	108 x 130 mm
Displacement	7,146 l
Fuel consumption 75% prime power	25 l/h +/- 5%
Oil consumption	0,3% of fuel consumption
Oil sump capacity	20 l
Coolant system capacity (engine only)	23,7 l
Standard voltage	12 V
Governor type	mechanical

### ALTERNATOR SPECIFICATIONS

Power (PRP)	160 kVA
Overload	10% for 1 hour
Voltage	400/230 V
Frequency	50 Hz
Speed	1500 r.p.m.
Temperature rise	H
Insulation class	H
Degree of protection	IP 23

### STANDARD EQUIPMENT

Starting motor and alternator battery charger
Dry air filter with removable element
Radiator mounted on skidbase
Water preheating system
Protection for fan and moving parts
Exhaust gas silencer
Built-in fuel tank 120 l
First filling oil
Skidbase with antivibrating shock-absorbers
Lead type batteries with cables and tray
Lifting devices
4-pole circuit breaker in fixed configuration, manual control

#### Rating according ISO 8528

##### Prime Power (PRP)

It is defined as being the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output over 24 h of operation shall not exceed 70% of the prime power. A 10% overload capacity is available for a period of 1 hour within a 12-hour period of operation.

##### Limited-Time Running Power (LTP)

It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 for continuous use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.





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### CONTROL PANEL

Genset control with automatic management of load transfer DG/Mains  
Controller with thresholds, counters, alarm, status  
LCD display with pushbutton access for monitoring electrical and mechanical parameters  
Advanced programmable I/O functions  
Multilanguages text for measurements setting and messages  
Remote communication interface  
List of events  
Static battery charger

### SOUNDPROOFED CANOPY

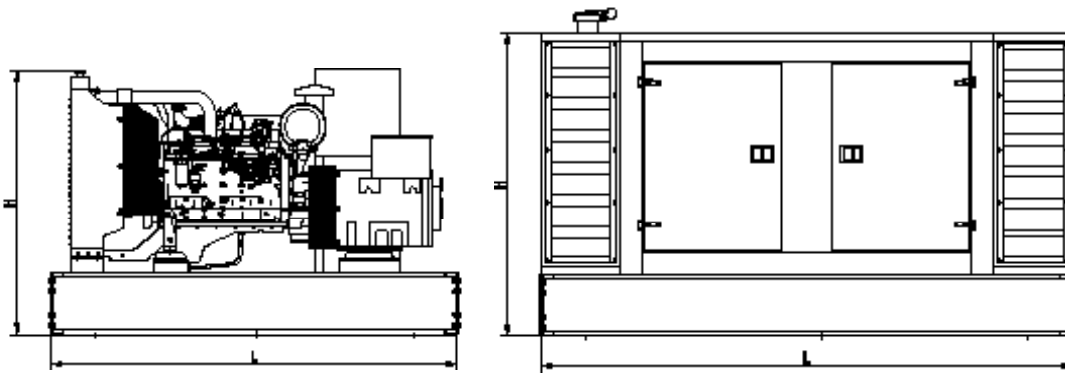
Highly corrosionproof  
Electrogalvanized steel structure with modular components  
Antianimal protection grid (air intake)  
Exhaust silencer with rain flap  
Insulation with material in fire reaction class A1  
Doors with yale type key  
Emergency stop  
Easy connections for cables installation

### AVAILABLE OPTIONS

Different soundproofing levels for canopied gensets  
Solutions for arctic or hot environment  
A wide selection of genset controllers and synch panels  
Additional alarms (warning / shutdown)  
Extended fuel tank capacity  
Automatic refuelling kit  
Automatic transfer switch panel (ATS)  
Residential Silencer (for open set only)  
Leak proof tray  
Special tools

### DIMENSIONS AND WEIGHTS

Open set on skid base	LxWxH: mm 2600x1620x1680	Dry: kg 1780
Soundproofed canopy Silent version	LxWxH: mm 3600x1620x1950	Dry: kg 2380



For further information on our standard and optional features, please contact our sales office at: [sales@ausonia.net](mailto:sales@ausonia.net)

