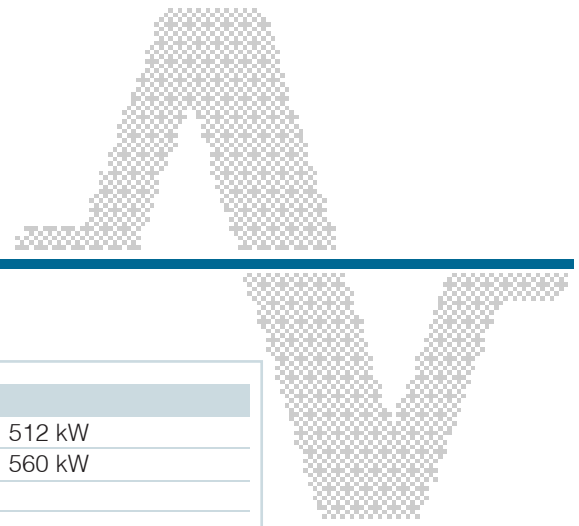




AUSONIA

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TECHNICAL DATA

CU0640SWD

GENSET SPECIFICATIONS

Prime Power (PRP)	640 kVA	512 kW
Stand-by (LTP)	700 kVA	560 kW
Power factor (cosphi)	0,8	
Voltage	400/230 V	
Frequency	50 Hz	

ENGINE SPECIFICATIONS

Brand	CUMMINS
Type	VTA 28 G5
Net engine power prime	547 kW
Net engine power stand-by	599 kW
Aspiration	TCA
Cycle	diesel 4 stroke
Cooling	water
Speed	1500 r.p.m.
Cylinders	12V
Bore x stroke	140 x 152 mm
Displacement	28,000 l
Fuel consumption 75% prime power	103 l/h +/- 5%
Oil consumption	0,3% of fuel consumption
Oil sump capacity	83 l
Coolant system capacity (engine only)	80 l
Standard voltage	24 V
Governor type	electronic

ALTERNATOR SPECIFICATIONS

Power (PRP)	640 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 continuative 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

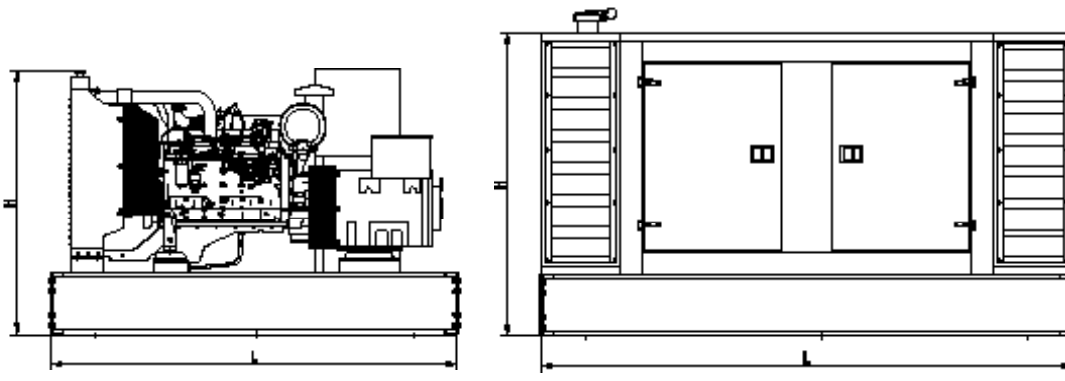
Highly corrosionproof
Electrogalvanized steel structure with modular components
Antianimal protection grid (air intake)
Exhaust silencer with rain flap
Insulation with material in fire reaction class A1
Doors with yale type key
Emergency stop
Easy connections for cables installation

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 3800x2020x2450	Dry: kg 5250
Soundproofed canopy Silent version	LxWxH: mm 5200x2020x2400	Dry: kg 6250



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

