AUSONIA
OUR ENERGY, YOUR POWER

TECHNICAL DATA

PE0150SWD

GENSET SPECIFICATIONS		
Prime Power (PRP)	150 kVA	120 kW
Stand-by (LTP)	165 kVA	132 kW
Power factor (cosphì)	0,8	
Voltage	400/230 V	
Frequency	50 Hz	

ENGINE SPECIFICATIONS	
Brand	PERKINS
Type	1106A-70TAG2
Net engine power prime	131 kW
Net engine power stand-by	144,1 kW
Aspiration	TCA
Cycle	diesel 4 stroke
Cooling	water
Speed	1500 r.p.m.
Cylinders	6 L
Bore x stroke	105 x 135 mm
Displacement	7,010 l
Fuel consumption 75% prime power	25 l/h +/- 5%
Oil consumption	0,1% of fuel consumption
Oil sump capacity	18 l
Coolant system capacity (engine & radiator)	21 l
Standard voltage	12 V
Governor type	mechanical

ALTERNATOR SPECIFICATIONS	
Power (PRP)	150 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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UNI EN ISO 14001

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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

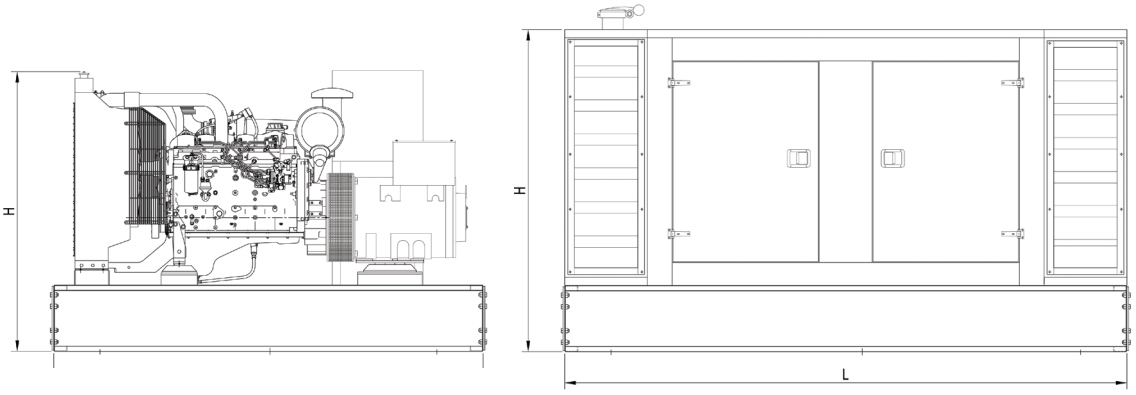
- Highly corrosionproof
- Electrogalvanized steel structure with modular components
- Antianimal protection grid (air intake)
- Exhaust silencer with rain flap
- Insulation with material in fire reaction class A1
- Doors with yale type key
- Emergency stop
- Easy connections for cables installation

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 2600x1620x1650	Dry: kg 2200
Soundproofed canopy Silent version	LxWxH: mm 3600x1620x1950	Dry: kg 2800



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

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