

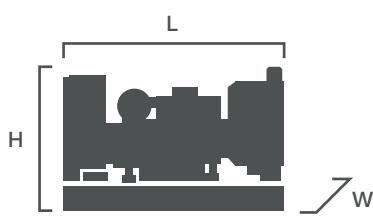


## General Performance Data

Engine	Brand	Cummins	
	Model	6LTAA9.5G1	
Control module	Deep Sea 6020		
Starting voltage	V	24	
Frequency	Hz	50	
Number of phases		3	

		Prime	Standby
Power kVA		300	330
Power kW		240	264
Rated speed	r.p.m	1500	
Standard voltage	V	400	230
Available voltages	V	380/220	415/240
Power factor	Cos Phi	0.8	

## Open



## Dimension

Length (L)	mm	2690
Height (H)	mm	1860
Width (W)	mm	1175
Weight	Kg	2019
Fuel Tank	L	600

## Silent



## Dimension

Length (L)	mm	4212
Height (H)	mm	2260
Width (W)	mm	1450
Weight	Kg	3350
Fuel Tank	L	650

## Fuel Consumption

Rated Output	g/KW.h	L/h
100% Standby	0000	78.0
100% Prime	0000	70.0
75% Prime	0000	52.0
50% Prime	0000	35.0
25% Prime	0000	0000

## Standards Followed

ISO9001	ISO14001
ISO8528	ISO12100
ISO13849	EN12601
GB12786	GB/T2820
IEC60034	IEC60204
CE	RETIE

## General Engine Data

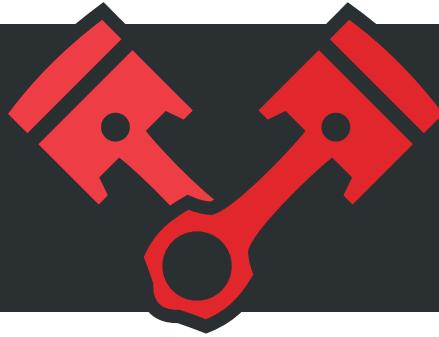
Engine brand	Cummins	
Engine ref.	6LTAA9.5G1	
Engine type	4-stroke diesel	
Governor type	Electronic	
Injection	Direct	
Aspiration	Turbocharged and Charge Air Cooled	
Number of cylinders and arrangement	6- L	
Bore and stroke	mm	116.5 -148

Displacement	L	9.5
Cooling system		Water - cooled
Lube oil consumption with full load		0.5%-1% of fuel consumption
Compression ratio		16.6 :1
Engine oil capacity	L	32.4
Total coolant capacity	L	57.1
Air filter	Type	Dry

Diesel engine	Dry air filter
4-stroke cycle	Radiator with pusher fan
Water-cooled	Electronic governor
12V electrical system	Hot parts protection
Water separator filter	Moving parts protection

### Optionals

- Water jacked heater
- Radiator water level sensor
- Oil heater
- Heavy duty air filter



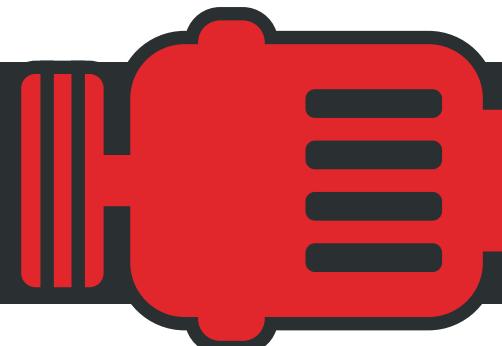
## Alternator Specifications

Number of phase	3
Power factor	0.8
Poles	4
Winding Connections (standard)	Star-serie
Insulation	H class
Enclosure (according IEC-34-5)	IP23

Excitation system	Self-excited, brushless
Voltage regulator	CumminsAVR (Electronic)
No. of bearings	Single bearing
Coupling system	Flexible disc
Coating type	Standard (Vacuum impregnation)

### Optionals

- Self-excited and self-regulated
- IP23 protection
- H class insulation
- Alternator pre-heater
- Winding temp. measuring instrument
- PMG / AREP / MAUX



## Generador Standard

## Application Data

Fuel system	Open	Silent	Exhaust system	
Fuel oil specifications		Diesel	Maximum exhaust temperature	°C 600
Standard fuel tank capacity	L 600	650	Exhaust gas flow	L/s 332
			Maximum allowed back pressure	kPa 10
Air system			Starting system	
Intake air flow	L/s	310	Starting power	kW 9
Cooling air flow	m <sup>3</sup> /s	6.442	Recommended battery	Ah TBD
			Number of batteries	2
			Auxiliary voltage	Vdc 24

## Genset version

Steel chassis	High mechanical strength
Emergency stop button	Epoxy polyester powder coating
Anti-vibration shock absorbers	Fuel tank drain plug
Chassis with integrated fuel tank	Steel residential silencer - 20dbA attenuation
Fuel level gauge	Battery charger

### Options

Trailer type



Water-cooled



Three phase



50 Hz



Diesel



Stackable canopy

## Power definition

Prime Power is available for an unlimited number of annual operating hours in variable load applications, in accordance with ISO 8528-1.

The standby power rating is applicable for supplying emergency power in variable load applications in accordance with ISO 8528-1. Overload is not allowed.

## Standard reference conditions

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

Weights and dimensions based on standard products. Illustrations may include optional equipment. Technical data described in this catalogue correspond to the available information at the moment of printing.

Features of the control panel	Basic Model (Standard)	Advanced Model (Optional)
Voltage between phases	o	o
Voltage between neutral and phase	o	o
Current intensities	o	o
Frequency	o	o
Apparent power (kVA)	o	o
Active power (kW)	o	o
Reactive power (kVAr)	o	o
Power factor	o	o
Voltage between phases	o	o
Emergency stop	o	o
Binary inputs	6/6	7/7
Analog inputs	3	3
2x10A Current outputs	o	-
I/O Configuration	o/o	o/o
D+ Function	o	o
Speed sensor	o	o
Amf/Mrs	o/o	o/o
GCB/MCB	o/o	o/o
3ph voltage measurement Gen./Mains	o/o	o/o
3ph current measurement	o	o
kW / kWh / kVA	o	o
Engine reading	o	o
Engine protection	o	o
Alternator protection	o	o
Earth current protection	-	*
History file	150	350
RTC/Battery	o/-	o/o
PLC	-	-
4G	*	-
Airgate	-	*
ECU CAN	o	o
MODBUS	*	*
MODBUS IP	*	*
SNMP	-	*
SNMP TRAPS	-	-
RS232	*	*
RS485	*	*
GSM/GPRS modem	*	*
Remote screen	*	*
Software for PC	*	*

Standard: o

Optional: x

Not Available: -