

Model

25 / 28 kVA, natural gas

C28NG



We value the high
quality of our
products

Soundproof canopy with lockable doors, Cummins engine, Stamford alternator, ComAp IntelliLite 4 AMF25 controller, four industrial sockets directly on the unit and a gas detector in the engine compartment.

Prime: power for continuous operation. Standby: power for emergency operation.

Overall view



GENERAL PARAMETERS

Standby power (cos φ = 0.8):	kVA / kW	28 / 22
Prime power (cos φ = 0.8):	kVA / kW	25 / 20
Rated current:	A	36
Rated voltage (line-to-line), phases:	V	400 / 3
Frequency:	Hz	50
Sound level at 7 m (max.):	dB	72

PHYSICAL PARAMETERS OF THE GENSET

Fuel:	natural gas	
Gas consumption at 100 % prime power:	m³/h	10
Genset dimensions (L × W × H):	mm	2288 × 950 × 1400
Net weight of the genset:	kg	1016

Engine compartment



ENGINE

Cummins 4BT3.9-G36

Design:	4-stroke, water-cooled, in-line	
Aspiration:	turbo + charge air cooling	
Number of cylinders:	4	
Displacement:	l	3.9
Bore × stroke:	mm	102 × 120
Compression ratio:	10.5 : 1	
Rated speed:	rpm	1500
Idle speed:	rpm	750-850
Speed governor:	ECU (engine control unit)	
Firing order:	1-3-4-2	
Electrical system, starter:	V DC	24
Max. exhaust back pressure:	kPa	10

ALTERNATOR

Stamford S0L2-M1/20KW

Design:	brushless, self-excited	
Bearings / leads:	1 / 12	
Winding insulation class:	H	
Protection grade:	IP23	
Voltage regulation accuracy:	%	± 0.5
Power factor:	0.8	

Controls and sockets



Photos are illustrative. Technical data may change.

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Construction

Soundproof canopy on a steel base frame with forklift openings and lifting eyes

Control panel

ComAp IntelliLite 4 AMF25



STANDARD EQUIPMENT

Soundproof canopy, lockable doors
Cummins engine 4BT3.9-G36
Stamford alternator, IP23, insulation class H
Radiator (belt-driven fans)
24 V charging alternator
ComAp IntelliLite 4 AMF25 controller
Main circuit breaker CHINT 40 A with residual-current protection
Four industrial sockets (L1-L4)
Emergency stop button
Gas detector, gas pressure regulator, solenoid valve, pressure gauge
Air and oil filter
Two batteries (24 V system) with rack and cables
Exhaust system with flexible joint, silencer, flange
Base frame, user manual

OPERATING PARAMETERS

Gas consumption at 100 % prime power:	m³/h	10
Gas consumption at 75 % prime power:	m³/h	8
Gas consumption at 50 % prime power:	m³/h	5
Gas consumption at 25 % prime power:	m³/h	3
Engine oil capacity:	l	16.4
Coolant capacity (engine only):	l	10
Oil pressure, idle / rated speed:	kPa	207 / 345
Max. oil temperature:	°C	121
Max. coolant temperature (standby / prime):	°C	104 / 100

COMAP INTELILITE 4 AMF25 CONTROLLER

7-digit display, built-in governor and AVR control
Generator power monitoring (kW, kVA)
Overload protection (kW, kVA)
Mains de-coupling protection
Base load function (kW export)
Emergency stop, start failure monitoring

Gas consumption values apply to prime (continuous) power.