PRODUCT INFORMATION

Hahn & Sohn C28NG petrol generator

Hahn & Sohn C28NG is a three-phase soundproofed natural gas generator with an output of 25 kVA (20 kW) in continuous operation and 28 kVA (22 kW) in standby operation. It is powered by a four-cylinder Cummins 4BT3.9-G36 engine, electricity is generated by a Stamford alternator, and…

PARAMETER	VALUE
Category	Backup generators
Warranty	1 yaer
Weight	1021 kg
Model	C28NG
Fuel	natural gas
Rated power	25 kVA / 20 kW
Standby power	28 kVA / 22 kW
Voltage	400 V (combined), 50 Hz, 3-phase
Rated current	36 A
Power factor	0,8

PARAMETER	VALUE
Noise level	72 dB @ 7 m
Engine	Cummins 4BT3.9-G36
Engine specification	4-stroke, water-cooled, in-line, 4-cylinder, direct injection, turbocharged with intercooling
Engine capacity	3,9 l
Bore x stroke	102 x 120 mm
Compression ratio	10,5:1
Revolutions per minute	1,500 rpm (idling 750-850)
Speed control	ECU
Ignition sequence	1-3-4-2
Starter motor	24 V
Gas consumption (prime)	10 / 8 / 5 / 3 m³/h at 100 / 75 / 50 / 25 per cent
Oil capacity	16,4 l
Coolant (engine only)	10 l
Maximum oil temperature	121 °C
Max. coolant temperature (standby / prime)	104 / 100 °C
Max. exhaust back pressure	10 kPa
Alternator	Stamford S0L2-M1/20KW, single bearing, IP 23, H-class insulation, brushless
Voltage regulation accuracy	±0.5 per cent
Control unit	ComAp InteliLite 4 AMF25
Dimensions (L x W x H)	2 288 x 950 x 1 400 mm

Data from Hahn & Sohn product documentation. Before selecting a model, confirm the intended application, configuration and operating conditions.

Full information: https://hahn-sohn-eu.vercel.app/en/hahn-sohn-plynova-elektrocentrala-c28ng/