

CHANGFA

NG/LP GENERATOR



GENERATOR

Model	CEN15K	CEN20K	CEN25K
Rated Max AC Power Output (KVA)	13	18	21
Rated voltage(volts)	220/380, 3 phase 230/400, 3 phase		
No. of Rotor Poles	2		
Driven speed of Rotor	3000		
Rotor Excitation System	Brushless(with damper coil) AVR		
Type of Stator	4Wire		
Rotor/Stator insulation	Class F		
Engines			
Cylinders and Arrangement	4		
Displacement(L)	1.1	1.3	2
Air Intake System	Naturally Aspirated		
Lifter Type	Hydraulic		
Rated Synchronous RPM	50Hz/3000rpm		
Rated Output KW	19	28	37

Engine Lubrication System

Type of Oil Pump _____ Gear
 Oil Filter _____ Full Flow, Catridge
 Crankcase Oil Capacity _____ 4 U.S.qts

Cooling System

Type _____ Closed
 Water Pump _____ Belt Driven
 Fan Speed _____ 3000rpm
 Fan Diameter _____ 380mm(CEN15K)
 420mm(CEN20K/CEN25K)

Fan Mode _____ Pusher
 Coolant Capacity _____ 7.57L
 Maximum Operating Air Temp. on Radiator
 _____ 60°C(150°F)
 Maximum Ambient Temperature _____ 50°C(140°F)

Fuel System

Type of Fuel _____ Natural Gas, Propane Vapor
 Carburetor _____ Down Draft
 Secondary Fuel Regulator _____ Standard
 Fuel Shut-off Solenoid _____ Standard
 Operating Fuel Pressure
 127-355.5mm Water Column(0.18 -0.5 PSI)

Fuel Consumption-m³/hr(Natrual Gas/LPV)

Exercise 25%Load 50%Load 75%Load 100%Load
 1.7/0.67 2.88/1.39 5.32/2.12 7.08/2.8 8.9/3.54

Electrical System

Battery Charge Alternator _____ 12V,50Amp
 Static Battery Charger _____ 5Amp
 Recommended Battery System Voltage _____ 12Volts
 Type _____ Electronic
 Sensing _____ Single Phase
 Regulation _____ ±1%
 Features _____ V/F Adjustable, Adjustable
 Voltage and Gain LED Indicators

Power Adjustment for Ambient Conditions

Temperature Duration
 3% for every 10°C above 25°C
 Altitude Duration
 1% for every 100m above 182m