



20KW GENERATOR SPECIFICATIONS

Genset Model	GFS-20
Prime Power	20KW/25KVA
Standby Power	22KW/27.5KVA
Speed: 1500rpm	Transient frequency adjustment rate (%) : +10~-7
Fuel brand: (standard)0# light diesel oil (room temperature.	Frequency stabilization time (s) : ≤3
Dimension: 2000*840*1150 (mm)	Fuel consumption (100% load):3.61L/H
Weight: 860kg	Noise Level (LP7m) : 70dB(A)
Engine Specification	
Brand: NAGU	Cooling system: Closed water circulation cooling.
Engine Model : K4100-30.1kw	Alimentation : direct injection
Cylinder No. : 4	speed adjustment mode : electric speed governors
Engine Power : 30.1KW	Displacement : 9.12L
Overload capacity : 110%	Intake type : inter-cooling
Start system: DC24V ectric start	overload capacity : 110%
Alternator Specification	
Manufacturer/Model	Copy Stamford,184F
Number Of Phase	3
Connecting Type	3 Phase and 4 Wires,"Y"type connecting
Number of Bearing	1
Power Factor	0.8
Protection Grade	IP23
Altitude	≤1000m
Exciter Type	Brushless,self-exciting
Insulation Class,Temperature Rise	H/H
Telephone Influence Factor(TIF)	<50
THF	<2%
Voltage Regulation,Steady State	≤±1%
Alternator Efficiencies	91.70%
Air Cooling Flow	0.514m³/s