



100KW GENERATOR SPECIFICATIONS

Genset Model	GFS-100
Prime Power	100KW/125KVA
Standby Power	110KW/137.5KVA
Rated frequency: 50HZ	Frequency fluctuation rate (%) : $\leq \pm 0.5$
Speed: 1500rpm	Transient frequency adjustment rate (%) : $+10 \sim -7$
Fuel brand: (standard) 0# light diesel oil (room temperature.	Frequency stabilization time (s) : ≤ 3
Dimension: 33030*1030*1550 (mm)	Fuel consumption (100% load): 6.75L/H
Weight: 1560kg	Noise Level (LP7m) : 70dB(A)
Engine Specification	
Brand: NAGU	Cooling system: Closed water circulation cooling.
Engine Model : R6105AZLD-121KW	Alimentation : direct injection
Cylinder No. : 6	speed adjustment mode : electric speed governors
Engine Power:121KW/151.25KVA	Displacement:29.9L
Overload capacity : 110%	Intake type : turbo charge
Start system: DC24V ectric start	overload capacity : 110%
Alternator Specification	
Manufacturer/Model	Copy Stamford,274D
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	$\leq 1000\text{m}$
Exciter Type	Brushless,self-exciting
Insulation Class,Temperature Rise	H/H
Telephone Influence Factor(TIF)	< 50
THF	$< 2\%$
Voltage Regulation,Steady State	$\leq \pm 1\%$
Alternator Efficiencies	91.70%
Air Cooling Flow	$0.514\text{m}^3/\text{s}$