



Kubota
Diesel Engine

About Product

GO-BUSINESS GENERATOR are specially designed to be compact, quiet and powerful, saving up to 30% in weight and space!

Power (kVA)

VOLTAGE	Standby Power (ESP)		Prime Power (PRP)		3 Phase, 50 Hz
	kW	kVA	kW	kVA	Ampere
400/231	6,00	7,50	5,60	7,00	10.11

Stand By Rating (ESP): It is the way generators work at certain time intervals under variable load. It can work as backup power. It is not suitable to be operated under excessive load.

Prime Rating (PRP): It is the way of working as a continuous power supply when there is no mains power. When operating under variable load 24 hours a day, 10% overload is allowed for 1 hour every 12 hours.

Generator

[Voltage] AC 230V Pure sine wave	[Noise Level] 52db(7meters)
[Rated Output] 5600W	[Size] 700*510*650mm(width * height * depth)
[Max.Output] 6000W	[Weight] 168kg
[Engine Power] 10.0kW(13.0PS)	[Alternator type] Permanent magnet inverter Alternator
[Fuel] Diesel	[Quality Characteristics] overload, short circuit, lack of oil protection
[fuel consumption] up to 1.2L / h	[Detection mark] CE, E13
[Startup Mode] Remote Start	[Fuel Tank Capacity] 60 Liter (Not provided by default)

Engine

[Engine] KUBOTA Z482-E3B	[Type] Vertical,water-cooled,4-cycle iDi Diesel engine
[Combustion type] Spherical Type(E-TVCS)	[Brake Horse Power] 68.3 /3000 kW/rpm
[Fuel Pump] Mechanical	[Head Cover Assy] Closed Breather Type
[Emission Regulation] EPA Tier4	[Exhaust Gas Volume (25 C and 750mmHg)] 1.72m /min
[Fuel] Diesel Fuel No.2-D(ASTM D975)	[Lubricating System] Class CF lubricating oil as per API classification

They are ideal for superyacht owners looking for a nighttime generator with low operating sound levels and vibrations. These generators are characterized by their fuel-efficient, innovative and environmentally friendly inverter technology. Generators using parallel inverters can be paralleled and synchronized without any additional cables.

The speed of the diesel engine is adjusted according to the user's changing power demands, while the output voltage of the inverter remains constant at all times. Variable speed control greatly reduces exhaust emissions and fuel consumption compared to conventional fixed speed generators.

The maximum engine speed is 3000 RPM. The electrical load is supplied with a constant output voltage of 230 V / 50 Hz or 400 V / 50 Hz via an inverter.

- Less weight, size and noise
- Extremely quiet (52dba@7meter)
- Direct driven fresh water-cooled
- Permanent magnet automatic speed regulating generator
- Integrated internal booster enabling high inductive load starting
- Gear driven raw water pump
- Safety shutdowns for all critical
- FUNCTIONS
- Self protected against overload
- Ignition Protected for gas boat applications
- Comes complete with harnesses,
- remote control panel, sound enclosure and remote fuel lift pump
- 2 Years warranty

ALTERNATOR

[Model] STF45	[Brand] BUSINESS
[Alternator type] winding Brushless generator	[Voltage Regulation] 245-230V
[Speed method] Auto	[Phase] Single Phase
[Rotor Speed] 1500rpm	[Temperature rise (°C)] 125
[Insulation grade(stator/rotor)] H/H	[Voltage regulation range w/o load] ≥95% ~ 1 05%
[Steady-state voltage deviation] Less ±1%	[IP grade] IP22

CONTROL PANEL

[Model] CP336	[Brand] BUSINESS
[Installation] In-built, Remote wired control	
[Auto function] Manual/auto protection/shutdown, water temperature alarm, oil pressure alarm	
[Parameter display] AC voltage, frequency, running hour, charging voltage	
[Warranty] 24 months or 2000 running hours, whichever comes first.	

GENERATOR CAB DIMENSIONS (mm)

LENGTH	700
WIDTH	510
HEIGHT	650
DRY WEIGHT (kg.)	186
TANK CAPACITY (lt.)	60
FUEL CONSUMPTION AT FULL LOAD	1,20
SOUND LEVEL (dBA/7M)	57



- Less weight, size and noise
- Super quiet (52dba@7meters)
- Direct driven fresh water cooled
- permanent magnet automatic speed governor
- Robust twin-cylinder Kubota diesel engine
- Integrated internal amplifier providing high inductive load
- Gear driven raw water pump
- Emergency stop button for all critical situations

Ultra Sound Insulated and Protective Cabins Ultra sound insulated, protection cabins developed for Go-Business generator sets in accordance with harsh weather and environmental conditions; It is designed to provide optimum sound level and protection.

Go-Business cabins, which have a modular structure that can be disassembled piece by piece, provide the group with easy service and maintenance, and the opportunity to change parts in the workplace.

At the same time, the cabins are designed in a way that will not cause any level reduction, taking into account the cooling performance of the generator group and the power output value according to the ambient temperature.