

BALANTY

Specification sheet for BALANTY STANDBY Diesel Generator



HBD253

POWERS	PRP		ESP		Prime
VOLTAGE(V)	kW	kVA	kW	kVA	Amps
400/230	184	230	202	253	332.0
ALTERNATOR	BALANTY				
MODEL	HBK274H				

Technical Data



Engine-BAUDOUIN

Model	6M16G250/5
Aspiration	Turbocharged & Aftercooled
Fuel system	Mechanical Pump
No. cylinders	6
Displacement	9.726L
Bore*Stroke	126*130mm
Compression ratio	17:01
Rated speed	1500r/min
Gross Engine Output	216Kw
Governor type	Electronic
Start motor	24V
100% (Prime power)	50.9L/h
75% (Prime power)	38L/h
50% (Prime power)	25.8L/h

Oil capacity high	22L
Maximum Oil Temperature	105°C
Oil pressure	1.3-5.8Bar
(continuous operation)	
Max. Air intake restriction-dirty filter	70mBar
Max. Air intake restriction-clean filter	35mBar
Intake air flow	14.4m³/min
Exhaust gas flow	39.6m³/min
Exhaust gas temp	600°C
Max back pressure	60mBar
Coolant capacity	13L
Thermostat operation range	71-82°C
Max top tank temperature	105°C

- Diesel Engine
- Water-cooled
- Electrical System

- Air filter
- Radiator
- Governor

- Hot protection
- Moving parts protection
- Radiator water level sensor (optional)

Alternator-BALANTY

Wiring type	3 Phase 4 Pole, Y type
Bearing	1
Power factor	0.8
Frequency	50Hz
Overspeed	2250
Exciter type	Brushless, self-excitation
Voltage regulation	± (0.25%~1%)

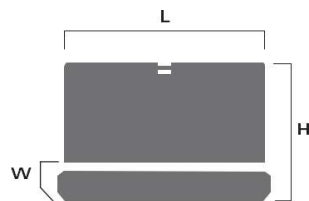
Protection grade	IP 23
Insulation class	H
Altitude(m)	≤1000

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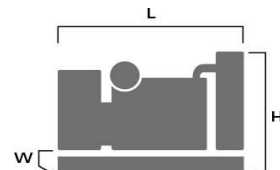
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Dimensions



Silent Type



Open type

	Length	Width	Height	Weight	Fuel tank	sound level
	(mm)	(mm)	(mm)	(kg)	(L)	(dB(@7m))
Open Type	2850	1040	1580	--	--	≤87
Silent Type 1	3820	1280	1900	--	--	≤75
Silent Type 2	3920	1180	1900	--	520	≤75
Silent Type 3	3958	1280	2150	--	400	≤75

Silent Type 1: Denyo canopy type

Silent type 2: Denyo canopy type with **front aluminum-magnesium fuel tank**

Silent type 3: Atlas canopy type

Configuration

Standard Features	Engine(Baudouin)	●
	Radiator 50°C max,fans are driven by belt	●
	Charge alternator	●
	Alternator: single bearing alternator IP23,insulation class H/H	●
	Standard auto control system	●
	One set of air filter, fuel filter, oil filter	●
	MCCB	●
	Fuel tank	●
	Batteries, rack and cable	●
	Exhaust system(Ripple flex exhaust pipe, flange, muffler)	●
	User manual	●
Options	Water oil separator	●
	Battery charger	◎
	Engine heater	◎
	Alternator heater	◎
	PMG	◎
	Daily fuel tank	◎
	Remote control panel	◎
	Automatic transfer switch/ATS	◎
	Switch box	◎

Standard: ● Optional: ◎

Warranty*

Engine 12 months from date of purchase and 1000 hours
Generator 12 months from date of purchase or 1000 hours (whichever occurs first)

Control Module Options



DEEPSEA DSE6120

Low oil pressure
High water temperature
High/low voltage
High Engine Temperature and Overspeed.
Voltage regulator frequency regulator
Emergency stop
Start failure



Auto generator control module
Control module with
" Three Remote Control" functions
ATS auto load transfer screen
Synchronising control modules
Power output cabinet