

HONGFU POWER, POWER WITHOUT LIMITS

Ricardo Generator

Prime: 30KW/38KVA

Standby: 33KW/42KVA



GENERATOR POWER SOLUTIONS

Increased availability for new operations

Reliable, robust and versatile generator.

Ready to deliver power for a next job.

Increased uptime during operations

Once installed on the end-user-site, the generator will be ready to run: "peace of mind" operation.

Reduced transport and installation costs

The compact and robust design with integrated transport features enables faster and safer transport and installation.

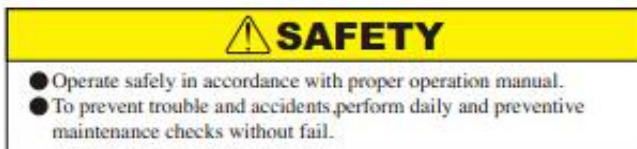
Reduced service & maintenance costs

Longer service intervals.

Quicker and more efficient service jobs.

Premium resale value

Designed and built to last.



Technical Data

Model		38KVA
Prime power	kva	38
	kw	30
Standby power	kva	42
	kw	33
Rated voltage line to line	V	400
Rated current	A	54
Maximun sound level	dB@7m	73

Engine-Ricardo

Model	MN4105DS-38
Aspiration	Four-stroke, Four Cylinder, water-cooled,in-line,direct injection, Turbo charged
Fuel system	Mechanical governor

No. cylinders		4
Displacement	L	4.15
Bore*Stroke	mm	105x120
Compression ratio		17:1
Rated speed	r/min	1500
Engine size	mm	1025×800×1630
Engine wet weight	kg	380
Engine prime power	kw	38
Fire order		1-3-4-2
Start Motor	kw/V	4.2/12

Exhaust System

Exhaust pipe diameter	mm	63
Exhaust gas temperature	°C	≤600

Air intake System

Air intake pipe diameter	mm	47
Standard air filter resistance	kPa	≤1.20

Fuel System

110% load(Standby power)	L/h	11.8
100% load(Prime power)	L/h	10.5
75% load(Prime power)	L/h	7.9
50% load(Prime power)	L/h	5.4
25% load(Prime power)	L/h	3.2
Fuel capacity for silent genset	L	72
Fuel capacity for open genset	L	70

Lubrication System

Oil capacity	L	13
Max Oil temperature	°C	105
Oil consumption	g.kw/h	≤2.04

Cooling System

Coolant capacity	L	13
Max water temp standby/prime power	°C	100/96

Standard Features

Engine(Ricardo ENGINE)	●
Radiator 40°C max,fans are driven by belt	●
12/24V charge alternator	●

Alternator: single bearing alternator IP23	●
insulation class H/H	●
Standard auto control system	●
One set of air filter, fuel filter, oil filter	●
Main line circuit breaker / ACB	●
Base fuel tank	●
Batteries, rac and cable	●
Exhaust system(Ripple flex exhaust pipe)	●
Exhaust siphon, flange, muffler	●
User manual	●
Battery charger	●
Water heater	●

Options

Alternator heater	○
PMG	○
Water oil separator	○
Daily fuel tank	○
Remote control panel	○
Automatic transfer switch/ATS	○
Switch box	○
Standard: ●	Options:○

Alternator

Model		CJ184H
Alternator Brand		HONGFU
Phase		3
Voltage	V	400
Wiring Type		12 wires
Bearing		1
Power factor		0.8
Frequency	Hz	50
Prime power	KVA	37.5
Exciter Type		Brushless, self-excitation
Voltage regulation	%	±0.5
Protection Grade		IP 23
Insulation grade		H

Controller-DSE

Model

DSE4520

7 configurable digital inputs

Built-in governor and AVR control

Base load (kW export) functionality

Mains (utility) de-coupling protection

Generator power (kW, kVA) monitoring

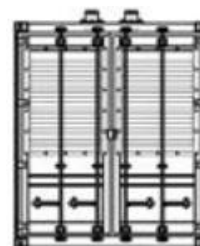
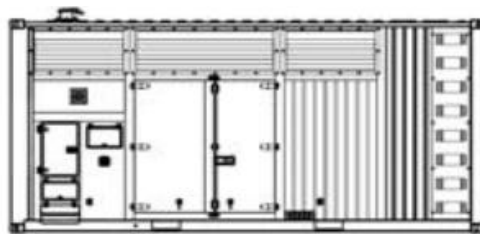
Overload (kW & kV Ar) protection

Emergency stop

Start failure



Unit Dimensions(Basic unit)



Silent Type

L*W*H

mm

2260x950x1250

Weight

kg

958

Warranty

Ricardo Engine

12 months from date of purchase or 1000 hours.

Generator

12 months from date of purchase or 1000 hours

(whichever comes first).