



Rental Range

HIMOINSA Company with quality certification ISO 9001 HIMOINSA gensets are compliant with EC mark which includes the following directives:

- 2006/42/CE Machinery safety.
- 2014/30/UE Electromagnetic compatibility.
- 2014/35/UE electrical equipment designed for use within certain voltage limits.
- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC).
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2012/46/EU).
- EN 12100, EN 13857, EN 60204.

Ambient conditions of reference according to ISO 8528-1:2018 normative: 1000 mbar, 25°C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2018, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70% of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2018, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70% of the ESP.

Continuous Power (COP):

According to Standard ISO 8528-1:2018, this is the maximum power available for continuous loads for unlimited running hours a year between the maintenance times recommended by the manufacturer under the environmental conditions established by the same.

G2 class load acceptance in accordance with ISO 8528-5:2013.

SERVICE		PRP	ESP
POWER	kVA	44	45
POWER	kW	35	38
RATED SPEED	r.p.m.	1500	
STANDARD VOLTAGE	V	400/230	
AVAILABLE VOLTAGES	V	230/115 . 230 V (t)	
RATED AT POWER FACTOR	Cos Phi	0,8	



Rental Range

BS5R

Water Cooled

Three Phase

50Hz

Stage V

Diesel

Himoinsa has the right to modify any feature without prior notice. Weights and dimensions based on standard products. Illustrations may include optional equipment. Technical data described in this catalogue correspond to the available information at the moment of printing. The illustrations and images are indicative and may not coincide in their entirety with the product. Industrial design under patent.





Engine Specifications | 1.500 r.p.m.

Rated Output (PRP)	kW	39,6
Rated Output (ESP)	kW	43,7
Manufacturer	kW	YANMAR
Model		P4TNV98CTIHR
Engine Type		4-stroke diesel
Injection Type		Direct
Aspiration Type		Turbocharged
Number of cylinders and arrangement		4-L
Bore and Stroke	mm	98 x 110
Displacement	L	3,319
Cooling System		Coolant
Lube Oil Specifications		API CJ-4, ACEA E6, JASO DH-2
Compression Ratio		18,1
Fuel Consumption ESP	l/h	11,65
Fuel Consumption 100% PRP	l/h	10,13
Fuel Consumption 75% PRP	l/h	7,4
Fuel Consumption 50% PRP	l/h	5,6
Fuel Consumption 25% PRP	l/h	3,8
Total oil capacity	L	10,5
Total coolant capacity	L	4,5
Governor	Type	Electrical
Air Filter	Type	Dry

- **Diesel engine.**
- **4-stroke cycle.**
- **Water-cooled.**
- **12V electrical system.**
- **Water separator filter (visible level)**
- **Dry air filter.**
- **Radiator with pusher fan.**
- **Electronic governor.**
- **Hot parts protection.**
- **Moving parts protection.**

Generator Specifications | STAMFORD

Manufacturer		STAMFORD
Model		S1L2.N1
Poles	No.	4
Connection type (standard)		Star-series
Mounting type		S-3 11"1/2
Insulation	Class	H class
Enclosure (according IEC-34-5)		IP23
Exciter system		Self-excited, brushless
Voltage regulator		A.V.R. (Electronic)
Bracket type		Single bearing
Coupling system		Flexible disc
Coating type		Standard (Vacuum impregnation)

- **Self-excited and self-regulated.**
- **AVR governor.**
- **IP23 protection.**
- **H class insulation.**



Weight and Dimensions

		Standard Version
Length (L)	mm	2.350
Height (H)	mm	1.450
Width (W)	mm	1.110
Maximum shipping volume	m ³	3,78
Weight with liquids in radiator and sump	Kg	1255
Fuel tank capacity	L	110
Autonomy	Hours	15
		Steel tank

Sound Pressure

Sound pressure level	dB(A)@7m	63 ± 2,4
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Application Data

Exhaust System

Maximum exhaust temperature	°C	480
Exhaust Gas Flow	m ³ /min	10,69
Maximum allowed back pressure	mm H ₂ O	260,1
Exhaust Flange Size (external diameter)	mm	90

Starting System

Starting power	kW	2,3
Starting power	CV	3,13
Recommended battery	Ah	60
Auxiliary Voltage	Vdc	12

Necessary Amount of Air

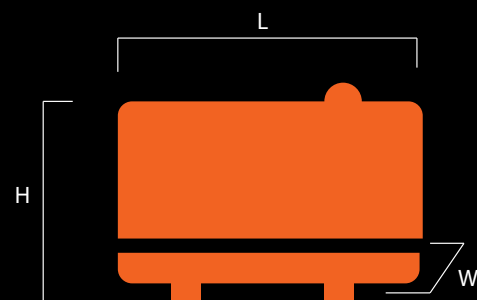
Intake air flow	m ³ /h	194,16
Cooling Air Flow	m ³ /s	1,176
Alternator fan air flow	m ³ /s	0,176

Fuel System

Fuel Oil Specifications		Diesel
Fuel Tank	L	110

Soundproofed Version

- Steel chassis.
- Manhole to fill the radiator.
- Pre-installation or niche to house the quick connection hydraulic fittings for fuel transfer.
- Anti-leakage chassis, predisposed to retain liquids (retention tray).
- Manhole for fuel tank cleaning and drainage.
- Manhole for chassis cleaning.
- Oversized chassis to protect the bodywork.
- Slide carriage and brackets.
- Tilting cap in the exhaust.
- Anti-vibration shock absorbers.
- Chassis with integrated fuel tank.
- Fuel level gauge.
- External emergency stop switch.
- Bodywork made from high quality steel plate.
- High mechanical strength.
- Low noise emissions level.
- Soundproofing provided by high-density volcanic rock wool.
- Epoxy polyester powder coating.
- Full access for maintenance (water, oil).
- Reinforced lifting hooks for crane hoisting.
- Steel residential silencer -35db(A) attenuation.
- Oil sump extraction kit.
- Versatility to assemble a high capacity chassis with a metallic fuel tank.
- Emergency stop button (double emergency stop protection: Interior on the panel + exterior on the bodywork).
- Mechanized for power cable output.
- Door with window to visualize control panel.
- Pressure locks.
- IP Protection according to ISO 8528-13:2016
- 3 way valve for external fuel supply (available in 1/2" and 3/8" fittings) (Optional).
- Fuel transfer pump (Optional).





**Sustainable
Power
Solutions**

Model: MRYW-35 T5

RENTAL RANGE

Soundproofed rental

Powered by YANMAR

Generating Rates

SERVICE		PRP	STANDBY
POWER	kVA	34	37
POWER	kW	27	30
RATED SPEED	r.p.m.	1,500	
STANDARD VOLTAGE	V	400/230	
AVAILABLE VOLTAGES	V	230 - 230/132	
RATED AT POWER FACTOR	Cos Phi	0,8	



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- 2000/14/EC Sound Power level. Noise emissions outdoor equipment. (amended by 2005/88/EC)
- 97/68/EC Emissions of gaseous and particulate pollutants. (amended by 2002/88/EC & 2004/26/EC)
- EN 12100, EN 13857, EN 60204

Ambient conditions of reference according to ISO 8528-1:2005 normative: 1000 mbar, 25 C, 30% relative humidity.

Prime Power (PRP):

According to ISO 8528-1:2005, Prime power is the maximum power which a generating set is capable of delivering continuously whilst supplying a variable electrical load when operated for an unlimited number of hours per year under the agreed operating conditions with the maintenance intervals and procedures being carried out as prescribed by the manufacturer. The permissible average power output (Ppp) over 24 h of operation shall not exceed 70 % of the PRP.

Emergency Standby Power (ESP):

According to ISO 8528-1:2005, Emergency standby power is the maximum power available during a variable electrical power sequence, under the stated operating conditions, for which a generating set is capable of delivering in the event of a utility power outage or under test conditions for up to 200 h of operation per year with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. The permissible average power output over 24 h of operation shall not exceed 70 % of the ESP





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Model: MRYW-35 T5

RENTAL RANGE

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Engine Specifications 1.500 r.p.m.

ENGINE		PRP	STANDBY
Rated Output	kVA	30,7	34,1
Manufacturer		YANMAR	
Model		4TNV98IGEHR	
Engine Type		4-stroke diesel	
Injection Type		Direct	
Aspiration Type		Natural	
Number of cylinders and arrangement		4-L	
Bore and Stroke	mm	98 x 110	
Displacement	L	3,319	
Cooling System		Coolant	
Lube Oil Specifications		SAE 3 class 10W30 / API grade CD,CF	
Compression Ratio		18,5	
Fuel Consumption Standby	l/h	8,53	
Fuel Consumption 100% PRP	l/h	7,60	
Fuel Consumption 75% PRP	l/h	5,70	
Fuel Consumption 50% PRP	l/h	4,05	
Lube oil consumption with full load	g/kWh	0,27	
Total oil capacity	L	10,5	
Total coolant capacity	L	9	
Governor	Type	Mechanical	
Air Filter	Type	Dry	
Inner diameter exhaust pipe	mm	45	

Generator

Generator		
Manufacturer		STAMFORD
Poles	No.	4
Connection type (standard)		Star-series
Mounting type		S-3 11"1/2
Insulation	Class	H class
Enclosure (according IEC-34-5)		IP23
Exciter system		Self-excited, brushless
Voltage regulator		A.V.R. (Electronic)
Bracket type		Single bearing
Coupling system		Flexible disc
Coating type		Standard (Vacuum impregnation)





Sustainable
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Model: MRYW-35 T5

RENTAL RANGE

Soundproofed rental

Powered by YANMAR

Application Data

Exhaust System		
Maximum exhaust temperature	°C	550
Exhaust Gas Flow	m ³ /min	8,52
Maximum allowed back pressure	mm H ₂ O	1300
Exhaust Flange Size (external diameter)	mm	65

Necessary Amount Of Air		
Intake air flow	m ³ /h	134,42
Cooling Air Flow	m ³ /s	0,979
Alternator fan air flow	m ³ /s	0,09

Starting System		
Starting power	kW	2,3
Starting power	CV	3,13
Recommended battery	Ah	92
Auxiliary Voltage	Vdc	12

Fuel System		
Fuel Oil Specifications		Diesel
Fuel Tank	L	100
Other fuel tank capacities	L	100, 190, 330



Sustainable
Power
Solutions

Model: MRYW-35 T5

RENTAL RANGE

Soundproofed rental

Powered by YANMAR

Dimensions



B10R Weight and Dimensions

(L) Length	mm	2.150
(H) Height	mm	1.329
(W) Width	mm	1.025
Maximum shipping volume	m ³	2,93
(*) Weight with liquids in radiator and sump	kg	917
Fuel tank capacity	L	100
Autonomy	Hours	18
Sound pressure level	dB(A)@7m	66 ± 2,4
(*) (with standard accessories)	STANDARD VERSION (Plastic tank)	

MACGEN has the right to modify any feature without prior notice.

Weights and dimensions based on standard products. Illustrations may include optional equipment.

Technical data described in this catalogue correspond to the available information at the moment of printing.

Industrial design under patent.



**Sustainable
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Model: MRYW-35 T5

RENTAL RANGE

Soundproofed rental

Powered by YANMAR

Dimensions of Other Available Versions

Weight and Dimensions		
(L) Length	mm	2.150
(H) Height	mm	1.329
(W) Width	mm	1.025
Maximum shipping volume	m ³	2,93
(*) Weight with liquids in radiator and sump	kg	957
Fuel tank capacity	L	100
Autonomy	Hours	18
Sound pressure level	dB(A)@7m	66 ± 2,4
(*) (with standard accessories)		OPTIONAL VERSION (Steel tank)

Weight and Dimensions		
(L) Length	mm	2.150
(H) Height	mm	1.557
(W) Width	mm	1.025
Maximum shipping volume	m ³	3,43
(*) Weight with liquids in radiator and sump	kg	1.007
Fuel tank capacity	L	190
Autonomy	Hours	33
Sound pressure level	dB(A)@7m	66 ± 2,4
(*) (with standard accessories)		HIGH CAPACITY VERSION (Steel tank)

Weight and Dimensions		
(L) Length	mm	2.150
(H) Height	mm	1.557
(W) Width	mm	1.025
Maximum shipping volume	m ³	3,43
(*) Weight with liquids in radiator and sump	kg	1.062
Fuel tank capacity	L	330
Autonomy	Hours	58
Sound pressure level	dB(A)@7m	66 ± 2,4
(*) (with standard accessories)		HIGH CAPACITY VERSION (Steel tank)

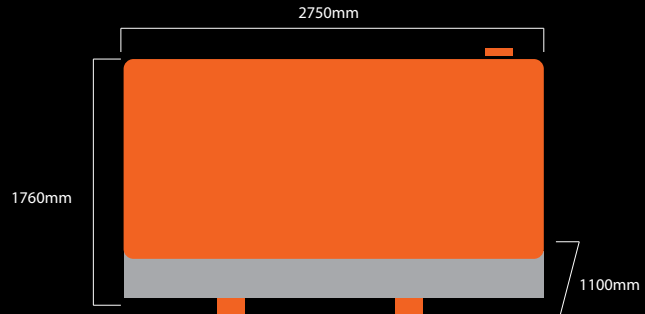




Sustainable
Power
Solutions

G65QS | Canopy Set

PRIME KVA: 58.70 | STANDBY KVA 63.00



Diesel Generator
Fuel Optimised

ELECTRICAL									
Frequency (Hz)	Phases	Voltage (V)	Prime		Standby		MCB Rating (A)	Minimum ATP Rating (A)	Rated Speed (RPM)
			kVA	kW	kVA	kW			
50	3	400/230V	58.70	47.00	63.00	50.40	80.00	80.00	1500
60	3	380/220V	70.00	56.00	75.00	60.00	100.00	125.00	1800
60	3	220/127V	70.00	56.00	75.00	60.00	250.00	250.00	1800
60	3	480/277V	65.00	52.00	71.50	57.20	125.00	125.00	1800

POWER FACTOR	
3 Phase	0.8
1 Phase	1

MAXIMUM LOAD IMPACT*	
kVA	58.70
kW	47.00

*With 20% voltage and 10% frequency deviation @ 50Hz, 400V

ALL RATINGS ARE TO STANDARD REFERENCE CONDITIONS ISO 8528

Prime: This rating is for the supply of continuous electrical power, at variable load, in lieu of commercially purchase power. There is no limitation on the annual hours of operation and 10% over load power can be supplied for 1 hour in 12.

Standby: This rating is for the supply of continuous electrical power, at variable load, in the event of a utility power failure. No overload is permitted.

Stage IIIa models are only emissions compliant at 50Hz Prime Power in accordance with 97-68EC.

JCB GENERATOR TECHNICAL SPECIFICATIONS. Tel: +44 (0)1889 590312. www.jcbgenerators.com. JCB reserves the right to change specifications without notice. Illustrations shown may include optional equipment and accessories.

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G65QS | Canopy Set

PRIME KVA: 58.70| STANDBY KVA 63.00

CANOPY/SKID	
Lockable Maintenance Access Doors	○
Control Panel Viewing Window	○
Fork Pockets	△
Single Lift Point	△
Bunding	△
Open Frame	x
High Density Fire Retardant Foam	○
Yellow Paint	○
White Paint	△
Standard: ○ Not Available: x Optional: △	

ALTERNATOR ECO 32 2L/4	
Poles	4
Winding Connections	Star
Insulation	Class H
Enclosure	IP23
Exciter System	Self-regulating brushless
Voltage Regulator	AVR
Steady State Voltage Regulation	+/- 1.0%
Bearing	Single bearing sealed
Coupling	Flexible disc
Cooling	Direct drive centrifugal blower fan
Coating	Winding Protection Standard +

STARTING SYSTEM		
Starter Motor	kW	4.20
Battery Capacity	Ah	120
Number of Batteries		1
Auxiliary Voltage	V	12

ENGINE		
1500 RPM		
Output Rating (PRP)	kW	62.00
Output Rating (Standby)	kW	68.20
1800 RPM		
Output Rating (PRP)	kW	75.00
Output Rating (Standby)	kW	82.50
Manufacturer and Model		
		JCB GTC-1 S2
Fuel		
		Diesel
Injection		
		Direct
Aspiration		
		Turbo Charged
Cylinders		
		4
Bore and Stroke		
	mm	103x 132
Displacement		
	L	4.399
Cooling		
		Water
Engine Oil Specification		
		API CH4
Compression Ratio		
		17.5 : 1
Engine Oil Capacity		
	L	14.00
Coolant Capacity		
	L	16.00
Governor		
		Mechanical
Air Filter		
		Single paper element
Engine Oil Consumption		
	100% Load	0.1% of fuel consumed

FUEL SYSTEM		
Diesel Specification		
		EN590
Standard Fuel Tank Capacity		
	L	285

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PRIME KVA: 58.70| STANDBY KVA 63.00

FUEL CONSUMPTION			
100% Load Prime	L/h	50Hz	14.10
75% Load Prime	L/h		10.60
50% Load Prime	L/h		8.20
100% Load Standby	L/h	60Hz	15.30
100% Load Prime	L/h		17.60
75% Load Prime	L/h		13.30
50% Load Prime	L/h		10.30
100% Load Standby	L/h		19.10

EXHAUST SYSTEM			
Maximum Temperature 100% Standby	°C	50Hz	14.10
Exhaust Gas Flow 100% Standby	m ³ /min		10.60
Maximum Allowed Back Pressure	mbar		8.20
Maximum Temperature 100% Standby	°C	60Hz	15.30
Exhaust Gas Flow 100% Standby	m ³ /min		17.60
Maximum Allowed Back Pressure	mbar		13.30
Exhaust Flange Size	mm		72.5

AIR SYSTEM			
Intake Air Flow 100% Standby	m ³ /h	50Hz	367.00
Total Cooling Air Flow 100% Standby	m ³ /s		198.00
Alternator Fan Airflow	m ³ /s		13.00
Intake Air Flow 100% Standby	m ³ /h	60Hz	410.00
Total Cooling Air Flow 100% Standby	m ³ /s		198.00
Alternator Fan Airflow	m ³ /s		13.00

SOUND PRESSURE (CANOPY ONLY)			
LpA (7m)	50Hz	dB(A)	66
LpA (7m)	60Hz	dB(A)	67

MECHANICAL FEATURES	
Cooling Pack	○
Air Filter	○
Mechanical Governor	○
Low Oil Pressure Switch	○
Coolant Temperature Sender	○
Oil Temperature Sender	○
Radiator Guards	○
Hot Component Guards	Δ
Manual Oil Drain Pump (Canopy)	Δ
Water Jacket Heater	Δ
Pre-Filter with Separator	○
Fuel Level Sender	○
Internal Fuel Fill (Belly Tank)	○
3 Way Fuel Valve	Δ
Residential Silencer	○
Industrial Silencer	X

Standard: ○ Not Available: X Optional: Δ

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PRIME KVA: 58.70| STANDBY KVA 63.00

ELECTRICAL FEATURES	
AVR DSR	○
AVR DER	X
Winding Protection Standard	○
Winding Protection Standard +	X
Winding Protection Grey	Δ
Winding Protection Total	Δ
Winding Protection Total +	Δ
MAUX	○
PMG	Δ
Anti-Condensation Heater	Δ
3 Pole Moulded Case Circuit Breaker	○
4 Pole Moulded Case Circuit Breaker	Δ
Earth Leakage Protection (Shunt Trip)	○
Preparation for Earth Spike	○
Optional Voltages	Δ
Remote Screen	Δ
Emergency Stop Button	○
External Emergency Stop Button	○
Standard: ○ Not Available: X Optional: Δ	

BATTERY FEATURES	
Battery Isolator	Δ
Battery Type	Gel
Battery Size (Ah)	120
Number of Batteries	1
Battery Charger	○
Standard: ○ Not Available: X Optional: Δ	

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JCB COMMUNICATION AND CONTROL	
4510	○
4520	Δ
Standard: ○ Not Available: X Optional: Δ	

WEIGHT AND DIMENSIONS		
Length	mm	2750
Width	mm	1100
Height	mm	1760
Shipping Volume (sea ready)	m ³	5.32
Weight*	Kg	1590.00
*Standard build with all fluids except fuel		

OPTIONAL CE PACK	
EMC Certification	○
Hot Guards	○
Belt Guards	○
Earth Leakage Relay	○
Sound Power Decal	○
EU Declaration for Engine Emissions	○
Complete Machine Declaration of Conformity	○
Standard: ○ Not Available: X Optional: Δ	

REFERENCE STANDARDS
JCB Generators are CE certified and conform to the following Directives (subject to a country requiring such standard):
<ul style="list-style-type: none"> • EN 12100, EN13857, EN60204 • 2006/42/CE Machinery safety • 2006/95/EC Low voltage • 2004/108/CE Electromagnetic compatibility • 2000/14/EC Sound Power Level (amended by 2005/88/EC) • 97/68/EC Emissions(amended by 2002/88/EC & 2004/26/EC) • Power according to ISO 8528 and ISO 3046 • Ambient reference conditions 1000mbar, 25 C, 30% relative humidity ISO3046
Information based on standard specification equipment unless otherwise stated.

