



HIMOINSA®
THE ENERGY

Model: **Apolo Compact Standard**

APOLO RANGE
Powered by YANMAR



- Frequency
- Rated Speed
- Cooling System
- Metal Halide
- Led (optional)
- Uprising System
- Rotation
- Diesel

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

- 2006/42/CE Machinery safety.
- 2006/95/EC Low voltage.
- 2004/108/CE Electromagnetic compatibility.
- 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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Technical Iconographic Index:





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Engine Specifications 1.500 r.p.m.

Model		YANMAR - 3TNV76 - GGEH
Power (P.R.P)	kVA	6,4
Voltage	V	230
Cylindres		3L
Aspiration		Natural
Rated Speed	r.p.m	1500
Cooling System		Liquid Coolant
Fuel Consumption (only lights)	L/Hr	1,59
Speed Governor		Mechanical

Alternator

Poles	n°	4
Type		Brushless
Voltage Regulator		AVR (electronic)
Insulation		Class H
Bearings		1
Coupling		SAE5-7,5"



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Mast

Mast Type		Hydraulic
Mast Sections		9
Uprising Time		13/25 sec
Rotation		360° manual
Double Safety Block		Standard
Lamps	n°	4 x 1000 W
Lamps Type		Metal halide
Total Lumens		4 x 100.000W = 400.000
Remaining Power		2,3 kW
Illuminated Surface	m ²	33.000

Canopy

Soundproof canopy		Standard
Liquids Retention Basin (engine & tank)		120%
Auxiliary Sockets		2 x 16 Amp
Auxiliary Input Supply Socket		1 x 32 Amp
Lifting eye		Standard

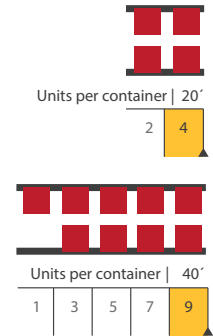
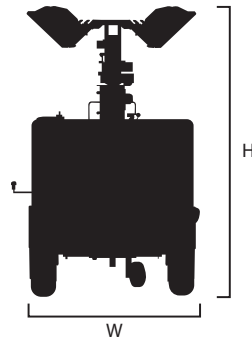
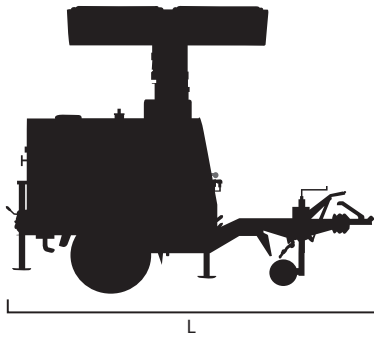
Chassis

Chassis Traction Kit		Standard
Road light and reflectors		Standard
Wheels		2 x 165R13
Stabilisers		4
Forklifts pockets		Standard



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Dimensions



Maximum dimensions, working mode	(L x W x H)	2330x 2450 x 9000
Minimum dimensions, transport mode	(L x W x H)	2330 x 1273 x 2280
Weight	Kg	911
Fuel Tank Capacity	L	100
Tank Refilling		External
Run Time	Hr	63
Noise Level (power-at 7m)		90LWA-65dB(A)





M7 Control Panel, Controllers Features

MULTILINGUAL CONTROL PANEL

Voltage between each Phase & Neutral

Voltage between Phases

Current (amps) on each Phase

Frequency

Active, Aparent & Reactive Power

Instant Power (KwH) and Accumulative power)

Fuel level

Oil pressure, coolant temperature, oil temperature

Battery voltage, battery charging alternator voltage

Engine Speed

ENGINE ALARMS

High coolant temperature

Low oil pressure

Battery charge alternator

Start failure

Low water level

Fuel storage

Overspeed

Underspeed

Low battery voltage

High coolant temperature by sensor

Low oil pressure by sensor

Low fuel level by sensor

Unexpected shutdown

Stop failure

Low engine temperature

Genset voltage drops

Emergency stop



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GENERATOR ALARMS

Over-load

Unbalanced voltage

Over voltage

Under voltage

Over frequency

Under frequency

Over amperage

Short-circuit

Inverse Power

Incorrect phase sequence

Asymmetry among phases

Emergency stop

MAIN ALARMS

Maximum Mains Voltage

Minimum Mains Voltage

Maximum Mains Frequency

Minimum Mains Frequency

Mains phase sequence failure

Mains power failure

Mains contactor switching failure

Himoinsa reserves the right to modify any characteristic without prior notice.
Weights and dimensions based on products standar. Illustrations may include optional equipment.
Technical data described here correspond with the available information at the moment of printing.
Industrial design under patent.

Local Distributor