



\*Imagen de referencia.

## LIVING RGU17500KS

60Hz@3600RPM 208/120V 3PH

### Overall Performance

PRP Continuous Power kVA	18.9
PRP Continuous Power kW	15
LTP Stand-by power kVA	21
LTP Stand-by power kW	16.8
Power factor cos $\phi$	0.8
Voltage VAC	208/120
Frequency Hz	60
Ampere PRP/LTP	46 / 50
Speed RPM	3600

## LIVING RGU17500KS

### Overall Performance

Length mm	1096
Width mm	590
Height mm	1443
Net Weight kg	365
Gross Weight kg	383
Sound pressure at 7 mt dBA	-

Silent generator with following specifications:

#### Frame:

- Heavy duty fabricated welded base plate with high quality steel UNIS235 JR.
- Heavy duty, bell type, rubber anti-vibration mountings
- Fuel tank with drain plug
- Lifting feet

#### Canopy:

- Special VERTICAL SHAPE perfect for all installation where small base footprint is required. Specifically built to be placed against the wall (for example on balcony or between two windows) and lifted on elevators
- No.2 lrg doors for easy access for service and maintenance
- Metalsheet Cut using high precision laser technology
- Weatherproof sealed joints
- lockable handles in each door
- RAL 9010 "orange peel" specific powder coat paint for outdoor usage
- Coolant refilling specific hatch
- Fuel filter outside enclosure
- Central lifting hook
- Ecological Sound foam: 100% Recyclable, fire-proof self-extinguishing class 1 fire-reaction compliant washable

#### Muffler:

- Supersilent, Residential type, integrated in the canopy
- With aluminum coating

#### Control Panel:

- Metal control panel with protective back cover

All units and components are prototype tested, factory build and production tested. A specific control procedure during the several stages of production ensures long life and reliability.

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## Engine general data

Engine brand	<b>Kohler</b>
Model	<b>KDW1003</b>
PRP Power kW	<b>18</b>
LTP Power kW	<b>20</b>
Fuel	<b>Diesel</b>
Nr. cylinders	<b>3</b>
Air intake	<b>Aspirated</b>
Cooling	<b>Water</b>
Cubic capacity l	<b>1.03</b>
Speed regulation	<b>Mechanical</b>
Performance Class - steady state regulator accuracy +/- %	<b>G2 - 0.50</b>
Load Step G1 - KWe	-
Load Step G2 - Kwe	-
Load Step G3 - KWe	-
Voltage VDC	<b>12</b>
Emissions	-

## Alternator general data

Alternator Brand	<b>Mecc-Alte</b>
Model	<b>ET20F-200/A</b>
Type of excitation	<b>Self-excited</b>
Type of regulation	<b>AVR</b>
Regulator precision+/-%	<b>2.50</b>

## Structure data

Type of structure	<b>LIVING</b>
Tank capacity l	<b>76</b>
Retention basin	<b>NOT</b>
Exhaust diameter mm	-

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## Fuel Consumption

Consumption 25% l./h	<b>2.30</b>
Consumption 25% l./h	<b>3.50</b>
Consumption 25% l./hr	<b>4.60</b>
Consumption 25% l./h	<b>5.70</b>
Autonomy at 75% of load h.	<b>=17 h</b>

## Engine liquids and equipment

Type of lubricant	<b>Oil SAE 15W40</b>
Lubrication capacity l.*	<b>2.40</b>
Type of coolant	<b>Antifreeze liquid</b>
Coolant capacity l.*	<b>6.50</b>
Air intake filter	<b>Paper cartridge</b>
Battery capacity Ah.	<b>45</b>
Number of batteries*	<b>1</b>

## Fuel system and energy balance

AC pump suction head kPa	<b>1</b>
Combustion air flow volume LTP m3/min	<b>1.30</b>
Cooling air capacity LTP m3/min	<b>111.60</b>
Exhaust gas flow flow-density LTP m3/min	<b>5.20</b>
Exhaust gas temperature LTP °C	<b>560.00</b>
Brake mean effective pressure kPa	<b>8.00</b>
Energy to exhaust LTP kWt	<b>19.80</b>
Energy to coolant LTP kWt	<b>19.80</b>
Energy to radiation LTP kWt	<b>3.00</b>



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## Control panel features



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Protection cover  
Circuit breaker  
AMF controler DSE4520

- Voltmeter, frequencymeter, Ammeter
- Generator power (kW, kV, Ar, kV A & pf) monitoring.
- Hour meter
- Fuel level meter
- Overland (kW & kV Ar) protection
- Low oil pressure protection
- Higt coolant temperature protection

- Low fuel level protection
- Battery charger alternator fault
- Rpm protector

Emergency stop button  
Audible alarm  
Terminal board for ATS connection  
Battery charger  
On/off switch

## Data reference

Standardd reference conditions temperature 25 °C, altitude 1-1000m asl, relative humidty 30%, atmospheric pressure 100 kPa (1 bar), power factor 0,8 lag, balanced load - non distortional. Fuel consumption is nominal and refers to specific weight 0,850 gr/lt. Power performance data as quoted can be obtained after the initial running-in period of the engine, during which one has to follow the instructions of the engine manufacturer as stated in the use and maintenance manual of the specific engine. The tolerance shown by the engine manufacturer is +/-5%. Sound power values refer to free field conditions: the installation site may influence the values. Dimensions, weights and other specifications contained in the technical date sheel and related attachments are nominal, subject to tolerances and refer to the model with standard equipment; any optional and additional equipment/accesories can modify weight, domensions, performance, P.R.P. Prime power-continuous power at variable load: The power that a genset can supply in continuous service at variable load for an any number of hours per year while repecting the maintenance intervals established in the envirometal condions stated by the Manufacturer. according to ISO8528-1. The average power supplied over time over time and any the maintenance intervals established in the environmetal conditions stated by the Manufacturer according to ISO 8528-1. The number of hours per year is stated by the Manufacturer. Overload is not permitted. \*For reasons of transport and/or Storage, liquids(oli and antifreeze) and batteries not be included in the delivery.

# SOLDEPYE

¡Cuando no es opción  
quedarse sin energía!



# 24 HORAS

**Debes tener el respaldo que te brinda una Planta Eléctrica**  
¡Te garantizamos que tu empresa, negocio o casa no falle.!