TECHNICAL CHARACTERISTICS

| MODEL | STANDARD | COMFORT | PREMIUM | | |
|-------------------------------------|---|---------|--------------------------|--|--|
| ITEM | G2G-S | G2G-C | G2G-P | | |
| GLOBAL SYSTEM | | | | | |
| Maximum Power (KW)-(A) | 4-16 | 5-25 | 7-32 | | |
| Power continue on battery (KW) | 1.2 | 1.5 | 2.5 | | |
| Photovoltaic power (Wc) | 520 | 1040 | | | |
| Generator set power (KW)-(A) | 2.5-13 | 3-16 | 4.5-20 | | |
| Tension of release AC (V) | 240V 50Hz / option 120V | | | | |
| Speed transfer of sources of energy | 8 ms (Immediate) | | | | |
| Connections of release | 2 x PC 16A IP44 | | 2 x PC 16A-1XPC 32A IP44 | | |
| Weight (Kg) | 300 | 600 | 700 | | |
| Standart CE | EN 62040-1 EN 62040-2 NF EN 60950-1 | | | | |

| COMPOSANTS | | | | | |
|---|---|--------------------------------------|-------------------------|--|--|
| | CHARGER / CONVE | RTER | | | |
| Power continue - power max (KW)) | 1.2-2.4 | 1.5-3 | 2.5-6 | | |
| Electric current of the charger (Ah) | | 50 | 70 | | |
| FROST BATTERIES WHITHOUT MAINTENANCE OPTION LITHIUM ION | | | | | |
| Tension of the bench (V) | 24 | | | | |
| Number of elements | 2 | 4 | | | |
| total capacity-Availiable (KWh) | 5.3-2 | 10-4 | | | |
| MONOCRYSTALLINE SOLAR PHOTOVOLTAIC PANELS | | | | | |
| Power of one module (W) | 260 | | | | |
| Nomber of elements | 2 | 4 | | | |
| RÉGULATOR OF SOLAR LOAD MPPT | | | | | |
| Courant of load (A) | 15 45 | | | | |
| GENERATOR SET | | | | | |
| Energy | gazoline | Diesel / Bio fuel | | | |
| Maximun power (KW) | 2.5 | 3.4 | 5.2 | | |
| Sound power 7 m | 69 dba 58 dba | | 58 dba | | |
| Motorization | Mono cylinder cooled by air | | | | |
| Tank capacity (L) | 10 | 18 | 20 | | |
| Consomption (L/h) Max | 1.1 | 0.89 | 1.2 | | |
| BATTERY MONITORING | | | | | |
| Units of control | | Voltmètre, hour ammeter , % capacity | | | |
| E.M.I.E ERMA MANAGEMENT INTELLICENCE ENERGIE | | | | | |
| STARTING UP GENERATOR SET | MANUAL IGNITION BY BRIGHT WARNING DEVICE | AUTOMATIC IGNITION | ALLUMAGE AUTOMATIQUE | | |
| Start | < 60% of the battery discharge | | | | |
| Stop | > 95% of the battery charge | | | | |
| Start | Level of power > 1.2 | Level of power > 1.5 | Level of power > 2 | | |
| Stop | Level of power < 1.2 | Level of power < 1.5 | Level of power < 2 | | |
| STRUCTURE | | | | | |
| Driven tailer attaches hook / option rings | 750 Kg ptac | | | | |
| Material | Zinc plated electro stell | | | | |
| Overall dimension with split solar panel LxlxH (m) | 3.3 x 1.5 x 1.70 | 3.3 x 2 | x 1.70 | | |
| Stabilizing crutches | 4 | | | | |
| jocked move wheel | 1 | | | | |





Size of wheels

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145 - 70-13





Off grid, powerful and economical electricity in a very simple way









ERMA ENERGIE has developed hybrid, multi-energy and automatized generators thanks to an innovative and exclusive E.M.I.E management system.

COMPOSITION

New E.M.I.E Technology

ERMA MANAGER INTELLIGENCE ENERGY

Ensuring the management of energy by combining energy sources using an immediate relay. Thus saving on fuel consumption. E.M.I.E unifies the various energy sources as one flow - all towards the same power socket.

The Photovoltaic Solar Panels

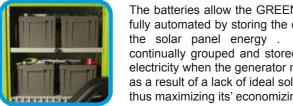
The photovoltaic panels of the GREEN TO GRID stores solar energy to ensure a greener and cleaner electricity, an extendable source that stores surplus energy in batteries which also



The Generator Grouping

The generator of the GREEN TO GRID (diesel, biodiesel or petrol) can automatically and efficiently produce electricity in all events of important power needs. That stores surplus energy in batteries too.

The Batteries



The batteries allow the GREEN TO GRID to be fully automated by storing the overproduction of the solar panel energy . The energy is continually grouped and stored and will supply electricity when the generator might not function as a result of a lack of ideal solar conditions and thus maximizing its' economizing value



The Trailer

The portable trailer forms part of the overall structure of the generator. This makes the generator easily transportable, compact and ready for use anywhere. Thanks to E.M.I.E the system is uncomplicated and less bulky.





Island Housing



Stores & Businesses

MULTI-USES



Hôstels & Resorts



Grid failures



Farming



Military Uses

Event Planning

Rescue Operations



Communication Antennas

ADVANTAGES



Reductions of between 50% and 70% on fuel consumption. Return on investment in less than four years. Less expensive than other systems with similar power.



AUTONOMY

Reliable network assurance without power loss because of automated switching between energy sources.



GREEN ENERGY

Plug and play without any constraint on the user. Generator is mobile and compact. Trailer can be adapted to most vehicles.

Great reduction in CO2 emission.

Bio-diesel compatible. System will

function for over 25 years.



CLIMATE CONTROL "Tropicalized System" adapts

to any climate. Operating efficiently in humidity of up to 98% and temperatures of 70°C/158°F.



EFFORTLESS LOGISTICS Reductions in transport costs and logistics.

