

operation



24/7

UP to

350

kWp

in one
container



GREEN
electricity
anywhere
in the



WORLD



KEMTEC

e n e r g í a r e n o v a b l e

more information at:
Tel. +34 663 919 054
www.kemtecnica.com

**portable electricity
generation solutions**

clean energy where needed...

Kemtecnia's Renewable Energy Department has developed innovative technologies based on hybridisation of systems and mobility

- ▶ Systems of production of renewable energies; grid connected or stand-alone facilities. From a few kWp to many MWp.
- ▶ Hybridization of different energy sources. Photovoltaic, Wind, Geothermal, Solar thermal, Chemical,...
- ▶ Maintenance and monitoring of the production facility by regular status and incident reports on the systems.
- ▶ Use of conventional or ultra-thin and light flexible photovoltaic panels.
- ▶ Conventional support systems or magnetic for metal decks.
- ▶ Mobile electricity production systems. From 1 kWp to 350 kWp in a single container or tow.
- ▶ Turnkey projects including funding.





Lithium and
gel batteries



In tow with
and without
load space



Up to 10 kWp
in one tow

GeneraTow

Your permanent electrical generator
for individual and corporate users



- ▶ Quick and easy to deploy.
- ▶ Fully mobile for use anywhere.
- ▶ Maintenance **FREE**.
- ▶ **Quite** and safe.
- ▶ **No fumes or smells.**
- ▶ Permanent and reliable energy supply from the first moment.
- ▶ No need for manning or troublesome refuelling.

Characteristics

- ▶ From 1 kWp to 10 kWp.
- ▶ Flexible ultralight panels of high performance.
- ▶ With and without load capacity to incorporate auxiliary equipment such as pressurized water system, refrigerator, music amplifier, etc,...
- ▶ The GT LiON model incorporates Lithium batteries to reduce weight.



Persas

- ▶ Pre-installed power production units in standard transport containers (20 or 40 feet).
- ▶ Easy deployment and withdrawal and quick commissioning.
- ▶ Autonomous. No fuel supply logistics required.
- ▶ Guarantees continuous supply 24/7/365.
- ▶ Allows to configure, thanks to its SCADA system, a smart grid.
- ▶ Reduces the cost and time of installation and maintenance.
- ▶ Monitored, controlled and reprogrammed remotely.
- ▶ Modular and scalable according to power needs.
- ▶ Equipped with a communication system for monitoring and telematic operation.
- ▶ No generation of polluting gases.
- ▶ No environmental impact neither during deployment or demobilisation.
- ▶ Small carbon footprint
- ▶ No noise pollution.
- ▶ Produces H₂ in situ.
- ▶ Produces medical oxygen.



In on 40
feet container



Deployment and
demobilisation in less
than 40 hours requiring
2 persons only



Up to 300 standard
370 Wp photovoltaic
panels (110 kWp)



Lithium and
gel batteries

6 kWp
wind
turbine





**6 kWp
wind
turbine**



**In on 40
feet container**

Aurora

- ▶ All the PERSAS specifications plus
- ▶ In some of its versions it is self-contained and does not require material or personnel support.
- ▶ All required tools to deploy the system inside the container.
- ▶ Legs to allow container to demount easily from truck.
- ▶ Robotic Arm to deploy the PV Panels .
- ▶ Robotic Arm as wind turbine mast.
- ▶ Deployment 2 persons, 1 day.
- ▶ Specially designed for short missions and high mobility.



**Lithium and
gel batteries**



**Up to 242 standard
370 Wp photovoltaic
panels (89,5 kWp)**



**Deployment and
demobilisation in less
than 16 hours requiring
2 persons only**



**Robotic arm to deploy
panels and legs to unload
the container from
the truck**



more information:
www.kemtecnica.com





**TEMPORARY OR FIXED
RENEWABLE ELECTRICITY
GENERATION SOLUTIONS**

MAINTENANCE FREE

AVAILABLE ON RENT

SALE



KEMTECNIA
e n e r g í a r e n o v a b l e

WESTERN ANDALUSIA

Pol. Indutec, nave 6
21007 Huelva

EASTERN ANDALUSIA

New Martos Business Center
C/ Bailén, 2 · 23600 Martos (Jaén)

Tel. **+34 663 919 054**

info@kemtecnia.com

www.kemtecnia.com