



Energy forever.

Vplus

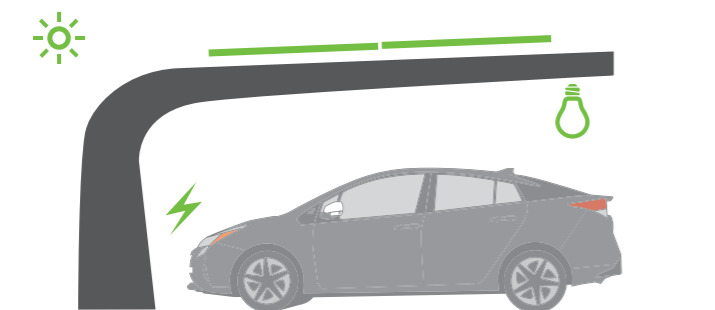
Solutions

Autonomous
energy systems



valled[®]
Energy
Solutions

Autonomous system
PowerPark

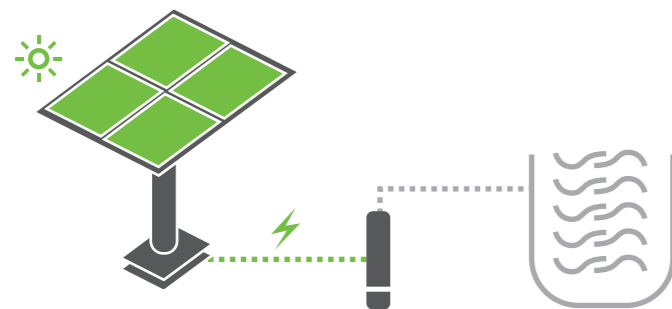


Metallic structure in electroplated iron that can be used to install photovoltaic panels and simultaneously used as a roof for a car park.

It is fixed to the ground with a solid flange, below or above ground level, depending on the desired type of application and height, and can be sized according to the customer's needs.

Easy assembly structure, equipped with all the accessories necessary for installation.

Autonomous system
Solar-powered pump

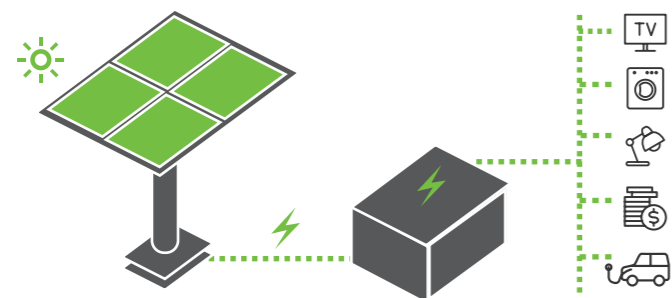


Metallic pole made of electroplated iron, with several height and production capacity settings.

It is composed of a shaft, photovoltaic panels, electric pump and control system.

The dimensions of the panels and electric pump are calculated according to the installation site, type of use and operating conditions.

Autonomous/auto-consumption system
Energy generator



Electric energy production systems without the need for a connection to the public power grid or to any other systems.

All the energy is produced on site, in an autonomous and ecological way.

Easy to install and maintain.

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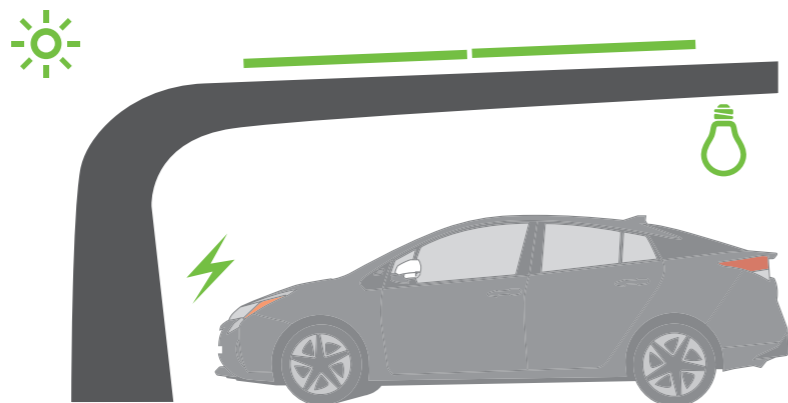
Autonomous energy systems



Les systèmes Vplus de Valled sont des solutions intégrées de captage et de stockage d'énergie, pouvant être mis en place dans les situations les plus variées, aussi bien dans le secteur de l'industrie que dans le secteur domestique.

Électropompes autonomes à alimentation solaire de captage d'eau et dotées d'un système d'irrigation ; solutions de production d'énergie en vue de l'autonomie énergétique ou de la vente au réseau électrique ; structures de parking à l'extérieur avec protection et captage d'énergie solaire et éclairage entièrement autonome sont quelques-uns des systèmes déjà développés et installés.

Autonomous system PowerPark



Electroplated or painted steel structure, depending on the customer's specifications, placed on surfaces fixed to the ground by solid flanges, below or above ground level.

This system is developed with the purpose of covering car parks, while taking advantage of the upper surface to install solar panels for energy production.

The collected energy can be used for several purposes:

- Direct energy consumption, generated from an autonomous energy solution;
- Storing of energy in batteries for overnight consumption (lighting or others);

- Direct storing and powering of Quick Charge Points for electrical vehicles.

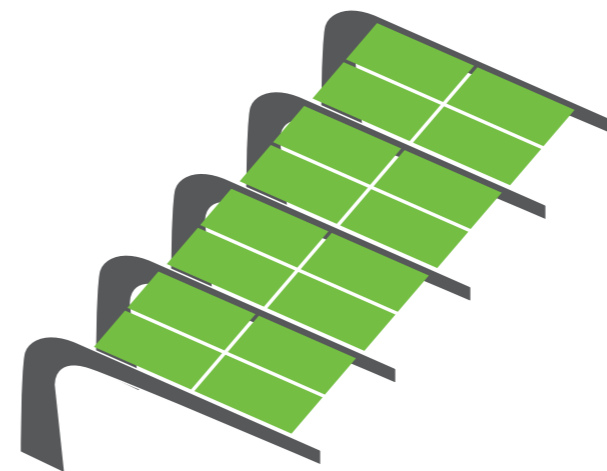
This modular structure is adjustable and adaptable, in order to cover different areas and fulfil different energy production needs.

This structure can be marketed as an autonomous structure solution.

MAIN FEATURES

BASE STRUCTURE	Length and height (up to 1,5 meters on the lower part) according to the customer's needs
GROUND FIXING	Solid flange Solid exterior in concrete
MATERIAL	Electroplated and anticorrosive iron
PAINTING	Painting of RAL based on the customer's choice

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POWERPARK VALLED Modular System

Vplus

Solutions

Autonomous energy systems



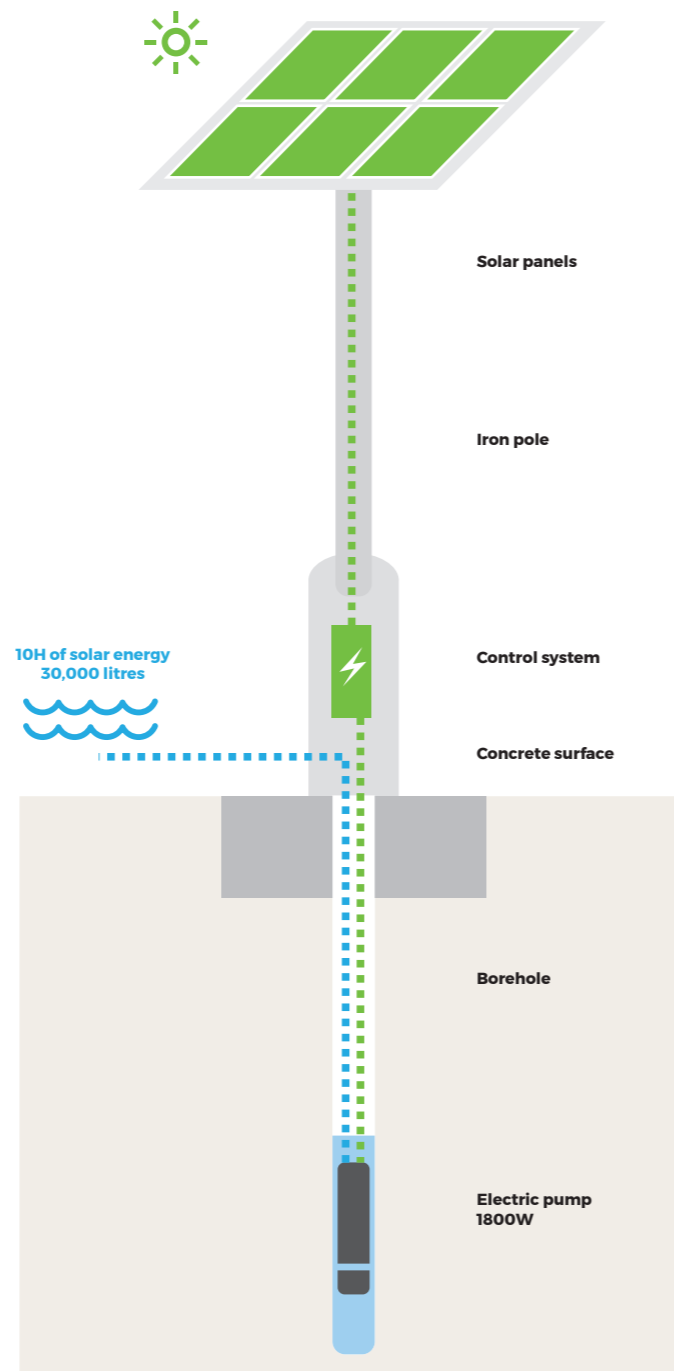
Autonomous system Solar-powered pump

The perfect solution for isolated agricultural areas or areas distant from public power grids, this Valled solution allows the installation of electric pumps for watering and water pumping activities. At the household level, it can be used for watering and water pumping activities, as well as for pool water treatment and filtering, in an economic, functional and durable way.

It is composed of an electroplated steel sheet pole, with inviolable lock, anti-theft and tamper-proof Valled hatch system.

This solution allows the use of batteries in its system, for perfect 24-hour operation.

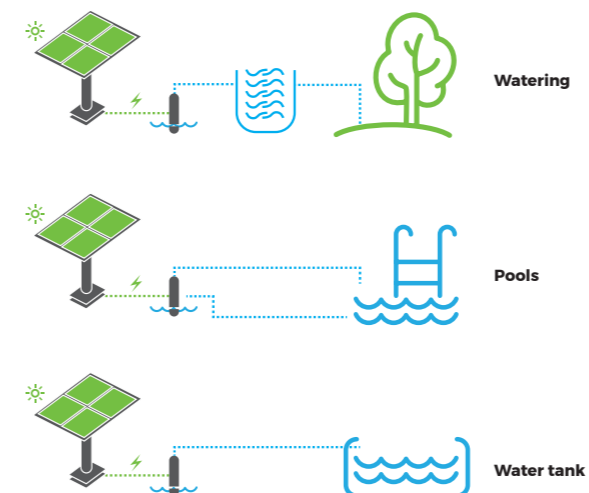
Our study and project department can adapt and manufacture an entire solar energy structure to power existing electrical installations and equipment, such as other electric pumps, without having to replace them.



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Example of watering application



Autonomous/auto-consumption system Energy generator

Suitable for those who want to have an autonomous electrical resource powered by solar energy, with or without energy stored in batteries for 24-hour consumption, or a combination of both options: for personal use and/or for selling the remainder directly to the power grid.

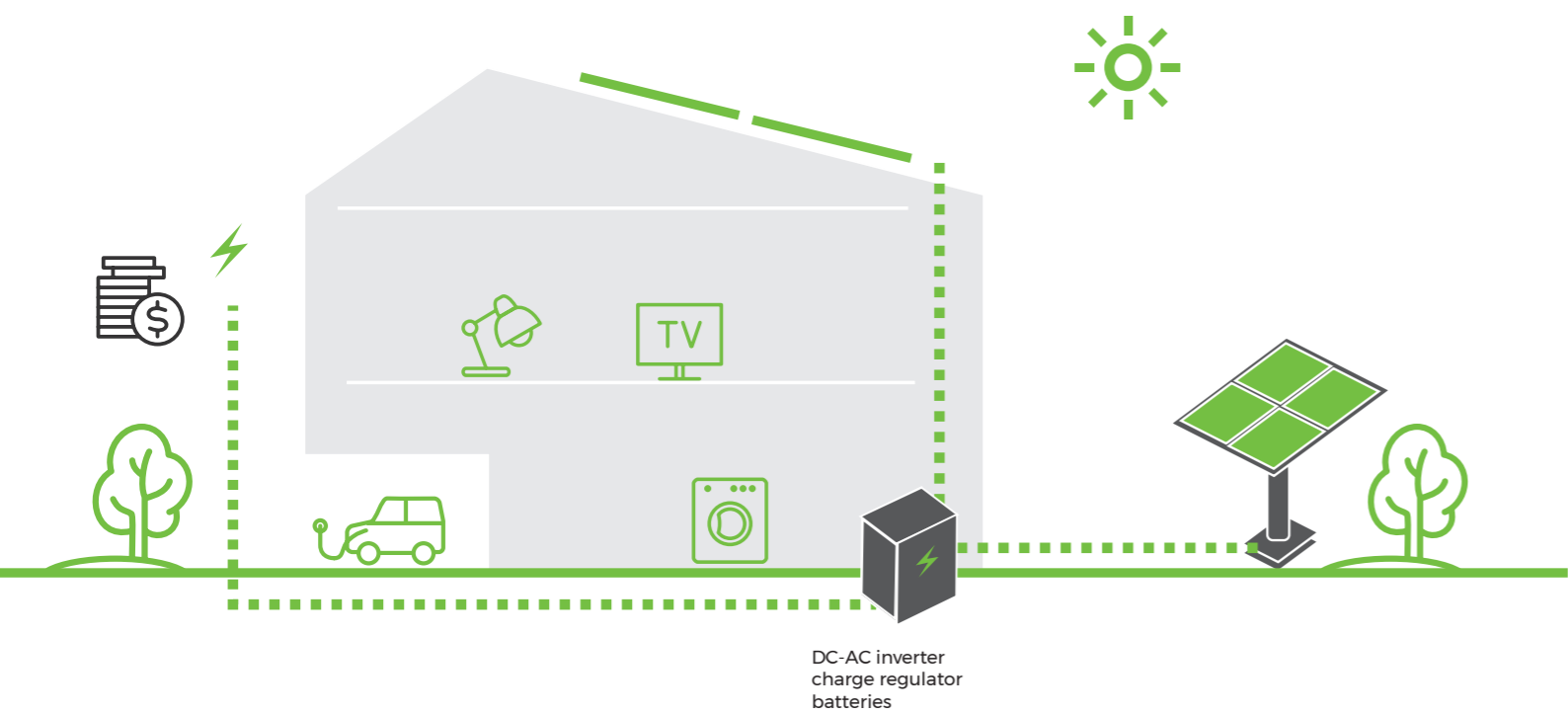
This Valled solution integrates a metallic structure for support

and application of solar panels, in isolated electroplated steel sheet poles, whether for securing structures on building rooftops or for the assembly of interior technical cabinets.

Through our study and project department, we are able to determine and evaluate the autonomous energy production

system that best fits the customer's needs, in terms of power and storage capacity.

As a result, the Valled system leads to a reduction of 30% to 60% on the monthly energy bill.



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Contact us for more
details and evaluation.

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