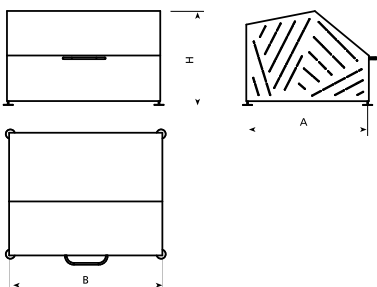


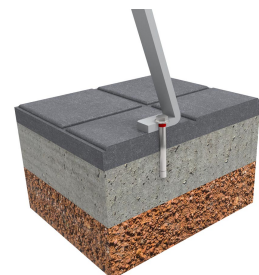


Fully enclosed high-security SEGURO bike rack for six bicycles or scooters, with double electronic lock controlled by mobile APP.

- Closed and covered bicycle parking.
- No transparent materials to avoid seeing the inside.
- Capacity for 6 bicycles or scooters.
- The bike rack occupies half a car parking space, with its maximum dimensions being 2.5x2.1.5m
- Opening of the door by means of two gas springs that facilitate its use.
- Levelling system to adapt it to the slope of the land.
- Completely autonomous bike parking, powered by photovoltaic solar energy, no need for civil works.
- Incorporates security cables with which users can lock their bicycle.
- Each bicycle seat has a specific space to leave the lock and the helmet.
- Maximum weight of 300kg to facilitate its transfer and relocation if necessary.
- Structure and panels built in aluminium.
- Raised bottom to prevent leaves and dirt from accumulating inside and blocking the natural flow of water.
- Door locking by means of two "rotary latch system" electronic safety locks with a total resistance of at least 1,000kg.
- The bike rack has rings to facilitate lifting and manoeuvring; the operation can be carried out with a van that does not require a special driving license.



Ref.	A	B	H
VSB04	2000	2500	1470



System power:

- Supply voltage of 12V.
- Maximum current on standby of 25mA at 12V.
- Maximum daily consumption of less than 8Wh
- 140W solar panel and 50Ah battery, with autonomy of at least 15 days without exposure to sunlight.

Opening system:

- Opening by means of an APP via bluetooth low energy.
- The door cannot be opened if the user is not in front of it.
- Both the user and the control electronics must be authenticated against a server before each opening, thus avoiding the hacking of the system.
- Double-layer encrypted communications with 128-bit AES end-to-end encryption.
- Operating range of the control electronics from -40°C to 80°C.
- IP66 waterproof control electronics.
- The Backend of the control APP is prepared to be able to integrate with third parties via documented and public APIs.

User interface:

- The control APP is available for both Android and IOS.
- On the main screen, a full-screen map with the locations of the different car parks is shown.
- Users will be geolocated, as long as the appropriate permissions are given, so they can see the closest car parks.
- Users can view the car park map and the availability of spaces in real time.
- Users can register and sign up on the APP, which is free.
- Users can book and choose between two types of services:
 - Monthly subscription, with the right to a fixed space in the chosen car park.
 - Pay per use.
- In addition, users can have several services simultaneously.
- Users can check their history from their profile.
- Payment platform through bank card, connecting the application with the gateway of the client's bank in a totally secure way.

Administrator interface:

The management system has an administration panel from which the car park network can be operated. It can be accessed securely from any computer with an internet connection.

Main functionalities:**User management:**

- Overview of users, sorting and searching.
- Download of the complete list of users and customers.
- User profile access for consultation and editing.
- Direct access to cancel the service.
- Viewing and editing of user profile data.
- Access to booking history and subscriptions for consultation and modification.
- Consultation of history of receipts and transactions.

Parking management:

- Overview of car parks, sorting and searching
- Creation of new car parks and parking spaces
- Consultation and modification of data related to car parks: schedules, rates, location, name, etc.

Subscription management:

- Overview of subscriptions, sorting and searching.
- Download of the complete list of subscriptions.

Booking management:

- Overview of usage, sorting and searching
- Download of the complete list of usage

Transaction management:

- Overview of transactions, sorting and searching
- Download of the complete list of transactions.
- Access to the data for the generation of usage reports

Optional

