



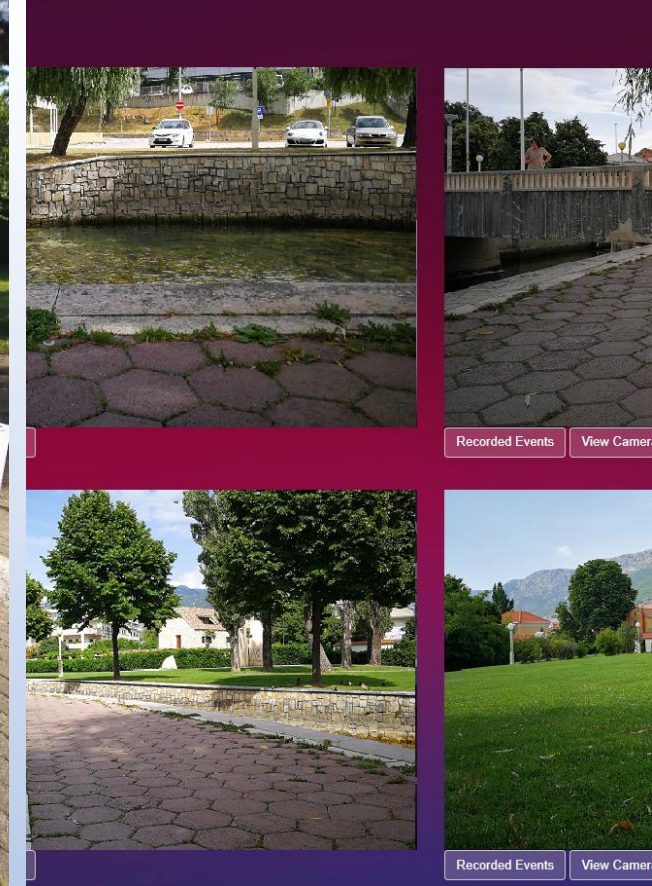


# Smart mobility & Smart City

Cities, municipalities and more generally urban areas today need a substantial modification of their liveability and the services offered. Smart mobility, on two electric wheels, will become a new lifestyle and both public administrations and private realities will have to commit to the development and installation of smart urban solutions.

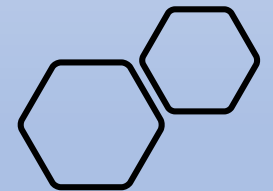






# Security and promotion of the territory

- Urban environments must be safe to allow people to experience them with greater tranquility, the CCTV model is equipped with 4 cameras that are always active.
- To increase knowledge of the territories and its products, the model with side display offers the possibility of creating targeted advertising campaigns, shops, clubs, services can be viewed on the 19" display of the Urban+ model.







# E-bike station all-in-one service

A smart infrastructure or cycling station that offers:

- Cabled and wireless phone/tablet charging service
- Charging service for bikes and electric scooters,
- Bicycle maintenance and repair service with tools and electric pump
- Security with integrated video camera
- Web dashboard with control panel for bench management and complete monitoring of operation, counters and sensors.





# Cycle paths and pedestrian and cycle paths

Redesigning parks and squares with a single infrastructure that offers multiple services is a theme that is not easy to apply, but if we think about the usefulness of a bench, we immediately realize how many possibilities are created.

All Steora bench models can be equipped with a bicycle rack to ensure that any installation is also transformed into a bike stopping point.

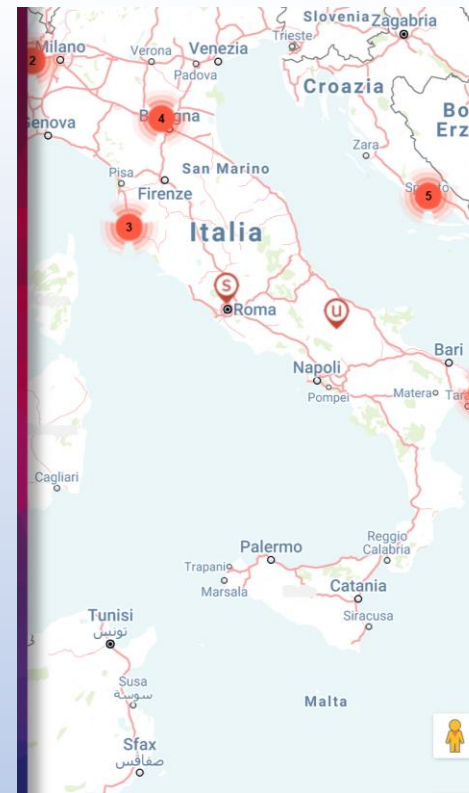


# Mountain and hill paths seafront or lakefront

Often the realization of projects in areas that are not purely urban, such as along the sea, paths in the mountains or hills, presents a difficulty linked to the lack of electricity on site, the Country model e-bike station equipped with a 280W photovoltaic panel and lithium batteries it can work even in the absence of grid connection, offering self-produced energy.







295.549  
Prodotto kWh

297.456  
Consumato kWh

435  
Ricariche USB

1745  
Ricariche wireless

10  
Utenti Wi-Fi

Panchine

ID	Posizione	Ultimo rapporto
2807	Novara, Italy	2020-01-07 11:17:00
2404	Novara, Italy	2019-12-12 12:09:11
2403	Novara, Italy	2019-12-12 12:26:10
2383	Barcelona, Spain	2020-01-20 06:13:00
2345	Cosenza, Italy	2020-01-17 15:05:00
2336	Novara, Italy	2020-01-17 16:26:00
2323	Campobasso, Italy	2020-01-20 08:43:01
2173	Livorno, Italy	2019-07-20 11:42:56
2172	Livorno, Italy	2019-07-20 07:48:13
2171	Livorno, Italy	2019-07-19 09:09:40
2170	Reggio nell'Emilia, Italy	2020-01-19 15:40:00
2169	Catania, Italy	2020-01-20 10:41:00

# REMOTE CONTROL

- Dedicated web portal to monitor the functions and use of smart street furniture.
- IoT sensors, counters for recharging, parking, internet usage etc...
- Easy and indispensable system to demonstrate the benefits offered by smart structures.

Ultimo rapporto



1 °C  
Temperatura



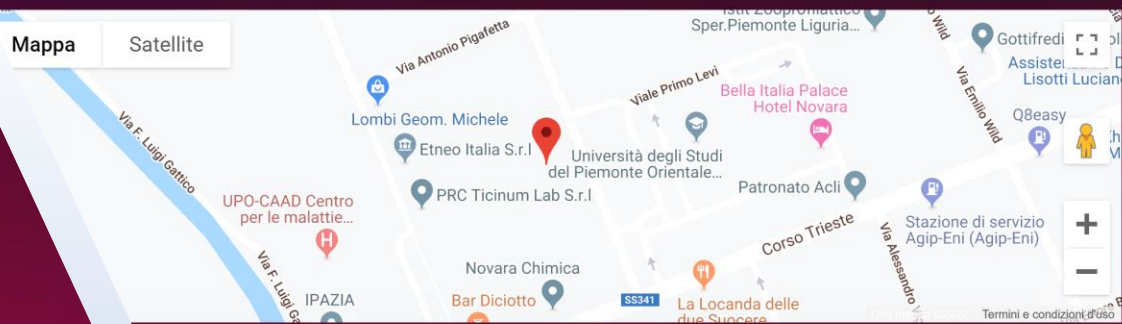
92 %  
Umidità



0 MB  
Internet consumo totale

Mappa

Satellite



Totale dell'utilizzo dati



0  
Biciclette parcheggiate



0  
Utilizzo del compressore d'aria



0  
Biciclette ricaricate



100 %  
Umidità



0 MB  
Internet consumo totale



71 %  
Stato di batteria



23  
Ricariche USB



4  
Ricariche wireless



14  
Utenti Wi-Fi



0 MB  
Internet consumo totale

Scegli il campo che vuoi modificare

Hotspot

- > Nome di rete Wi-Fi
- > Homepage
- > Limite dell' uso dati su utente
- > Pacchetto Internet
- > Limite di tempo per utilizzo dei dati per

Luci

- > Ambientale - Periodo di
- > auto
- > ricarica wireless

> Tempo di funzionamento della radio





Our vision of an intelligent pole envisages a modular, self-sufficient system, powered by double renewable sources, monitored by cloud service.



Poles that become technological containers capable of powering lamps, sensors, video cameras.







The installation replicability of the hybrid pole is simple and of wide possibility:

- urban or suburban roads
- parks, squares and green areas
- parking lots,
- sites in the absence of electricity
- commercial and tourist ports, along the sea or along the lake



The high level of customization derives from the fact that our system powers low voltage devices, has internal space to accommodate third-party technology based on the project to be implemented, is modular and therefore easy to move and install.



87  
Kilowatt Hours Consumed



133  
Pounds of Carbon Offset



Aug 29th

Watch for severe thunderstorms;  
cloudy; watch for flooding  
Temperature 16 – 22 °C  
Wind Speed 13 km/h  
Hours of Sunlight: 1.1



Aug 30th

Watch for severe thunderstorms;  
storms can bring flooding  
downpours, large hail and  
damaging winds  
Temperature 13  
Wind Speed 17 km/h  
Hours of Sunlight



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# REMOTE CONTROL

The cellular / mesh technology allows each pole to be connected and interconnected, this facilitates control by making visible the data of energy production, energy consumption, weather forecasts, device activation, alarms and instant messaging.

Information







# Search Systems

System Name ▾

Recent Systems    All Systems (4)

OFFLINE

**Etno Snam**  
SNAM RETE GAS SPA / 0110e2

26.6 v  
NIGHT BATTERY

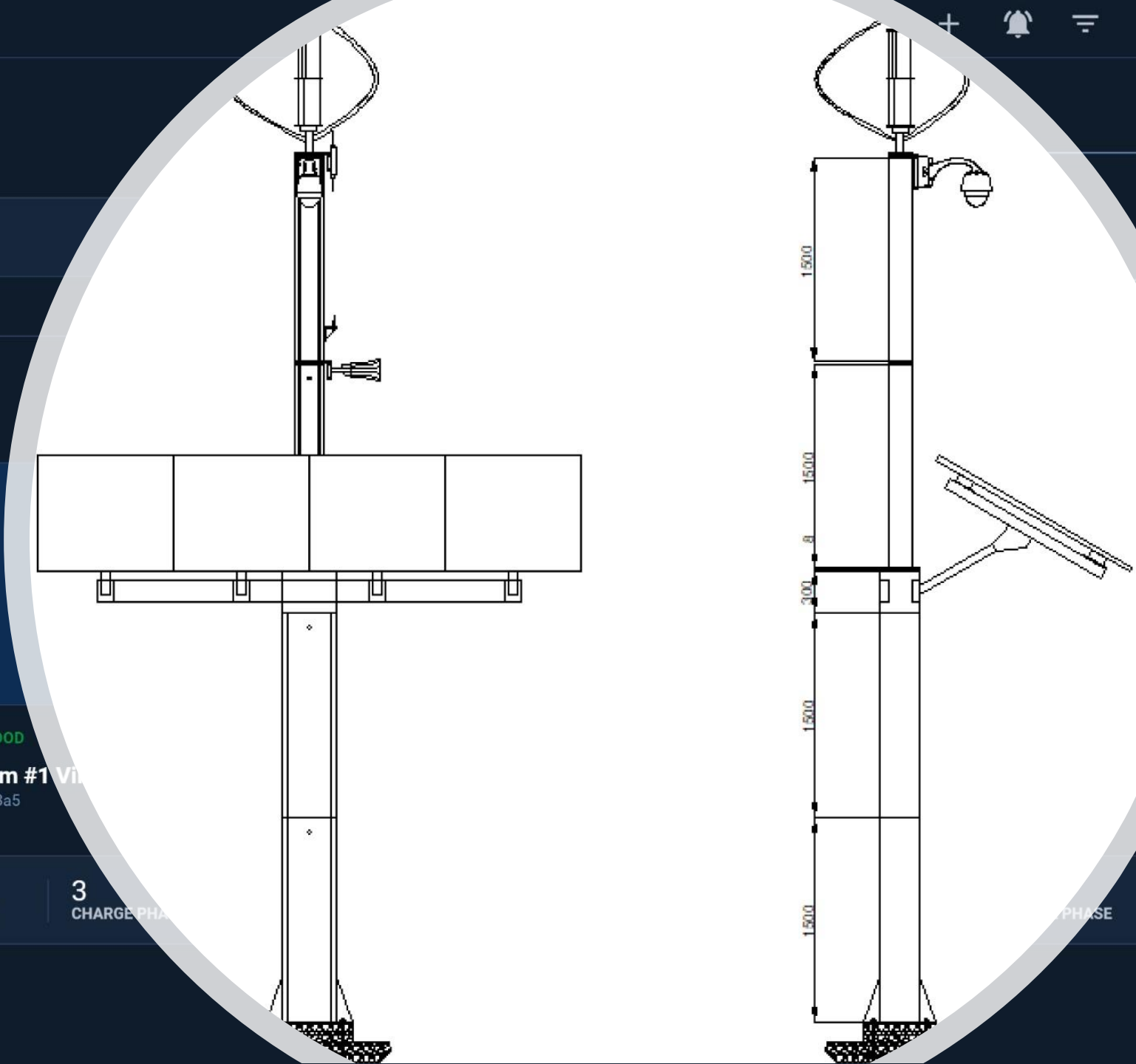
1.5  
CHARGE PHASE

ONLINE / ALL GOOD

**Etno System #1 Vil**  
Viladecans / 0113a5

26.3 v  
NIGHT BATTERY

3  
CHARGE PHASE



Historical Resting Battery Voltage



07:35

20:50

13 Daylight Hours

27.1 Battery Voltage

3 Charge Phase

BV BV-MAX

Weather Decans

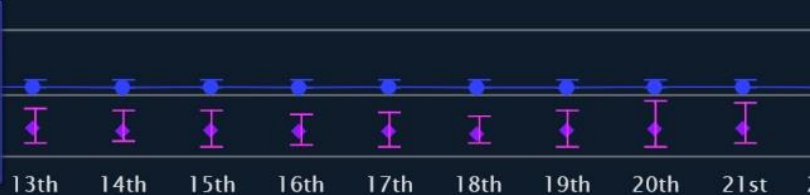
0113a5

Basic Monthly Chart - August 2020

Last Transmit: 08-27 11:15

Battery Metrics

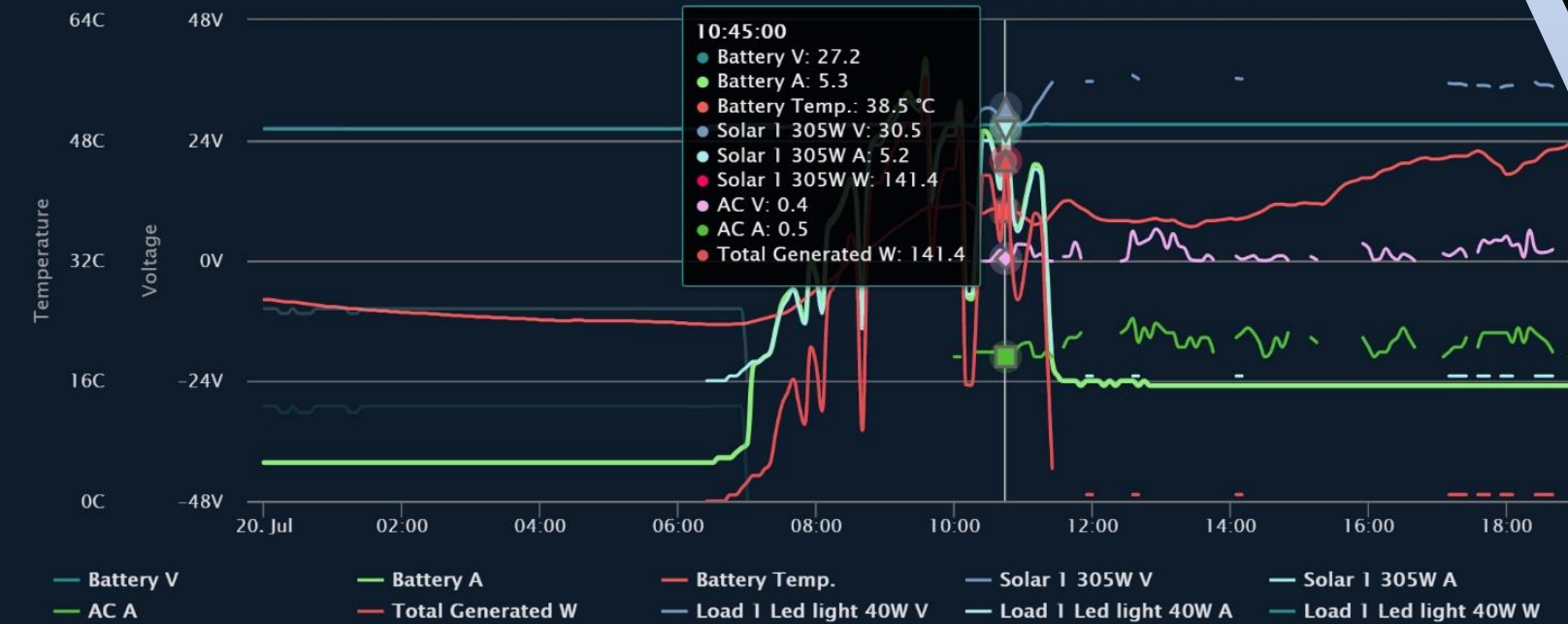
26.4 V  
26.2 - 27.8 V  
27.7 °C  
23.5 - 47.5 °C



Daily Data Report

Etno - 2020-07-20

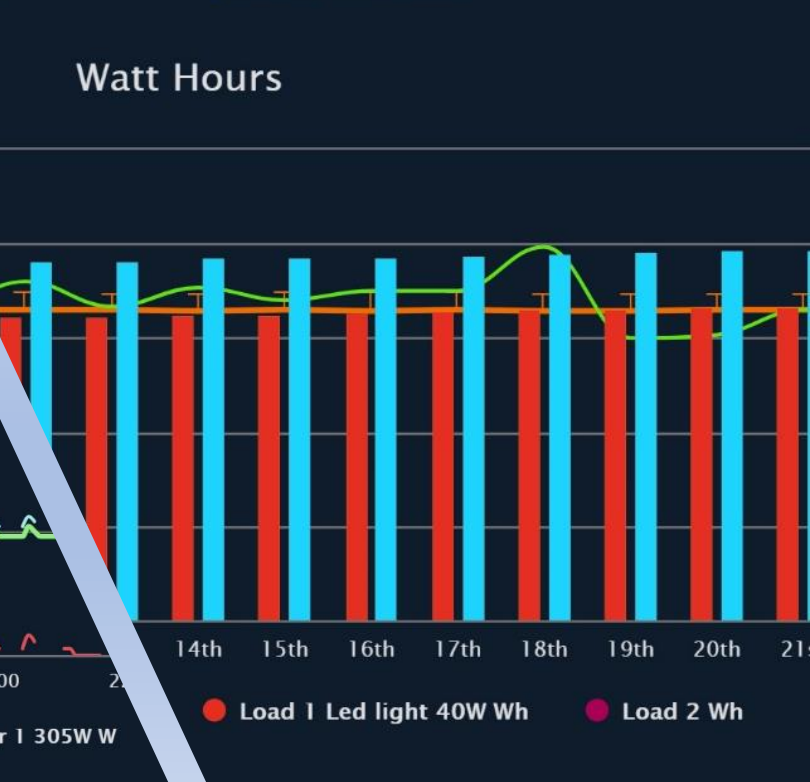
Last Transmit: 08-27 11:20



Watt Hours

Midnight Battery V

Battery Temperature





Etneo Italia srl, via Giovanni  
Bovio n°6, 28100 Novara Italy  
phone: +39 0321.697.200,  
mail: [alexdrappo@etneo.com](mailto:alexdrappo@etneo.com) -  
<https://www.etneo.com/en/smart-energy/>

Etneo Italia solutions  
and infrastructures  
for smart urban areas

