



Rise On

Resilient and Intelligent Solar Energy



PRODUCT PRESENTATION

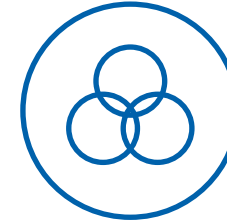
RISE-On STATION ADVANTAGES



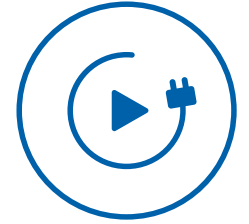
6
YEARS
WARRANTY



TURN ALL YOU
EQUIPMENTS AUTONOMOUS



ALL IN ONE



PLUG & PLAY



REMOTE SUPERVISION
& CONNECTIVITY



NO HEAVY WORKS



ZERO CO₂ EMISSION
& SUSTAINABLE SOLUTION

AVAILABLE VERSIONS

There are 2 different versions : « STATION 120 » or « STATION 240 »



STATION 120

Voltage 12 V

Panel power 50 Wc

Maximum output power 50 W

Battery capacity 120 Wh



STATION 240

Voltage 24 V

Panel power 80 Wc

Maximum output power 80 W

Battery capacity 240 Wh

Each STATION solar generator has **two independent and configurable power supply outputs.**

DAY

NIGHT

OPERATION

Sunnacore is our electronic card: **intelligent and connected.**



1 Energy Management

2 Battery charging

3 Smart Energy management

DYNAMIC POWER PROFILES

RISE-On STATION has an intelligent & optimized power management program.



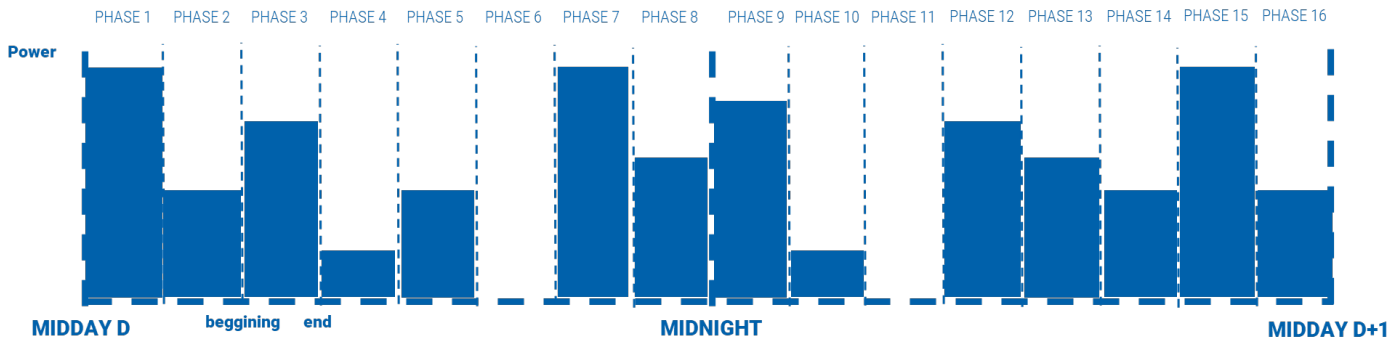
DYNAMIC ENERGY MANAGEMENT

Each phase can be configured according to several criteria :

- Delivered power from **0 to 100%**
- Energy distribution:
 - o **on motion detection**
 - o **on day/night detection**
 - o **on time stamping** (predefined times)
- Configurable power supply profile, in several phases :

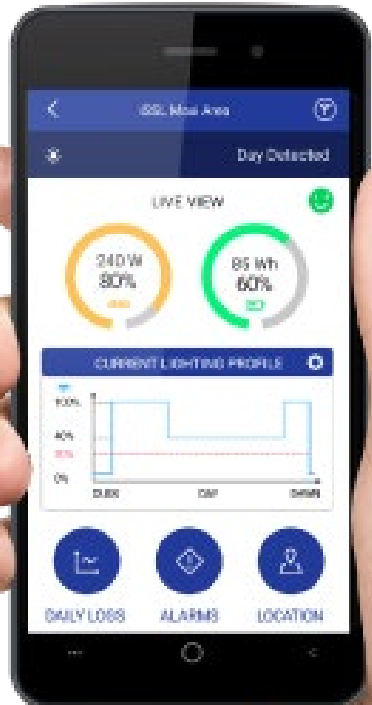


= Modulation of distributed energy to ensure continuous service



Each power supply output can be **independently managed.**

SunnAPP : YOUR CONNECTED TOOL



INSTALLATION AND COMMISSIONING SUPPORT



ENERGY PROFILES MANAGEMENT



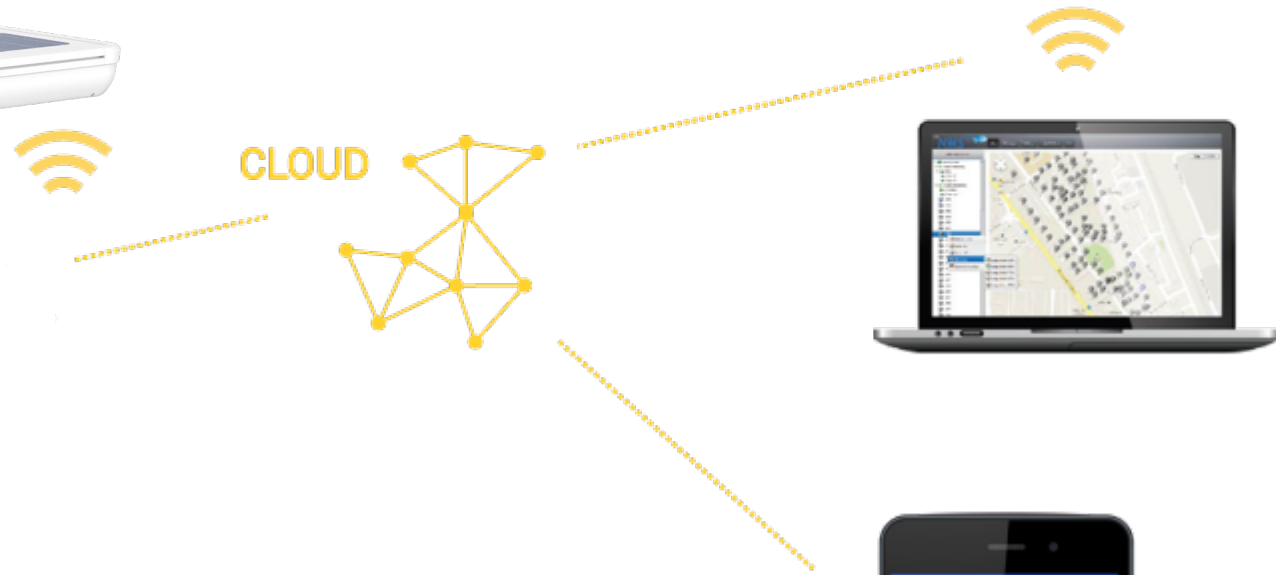
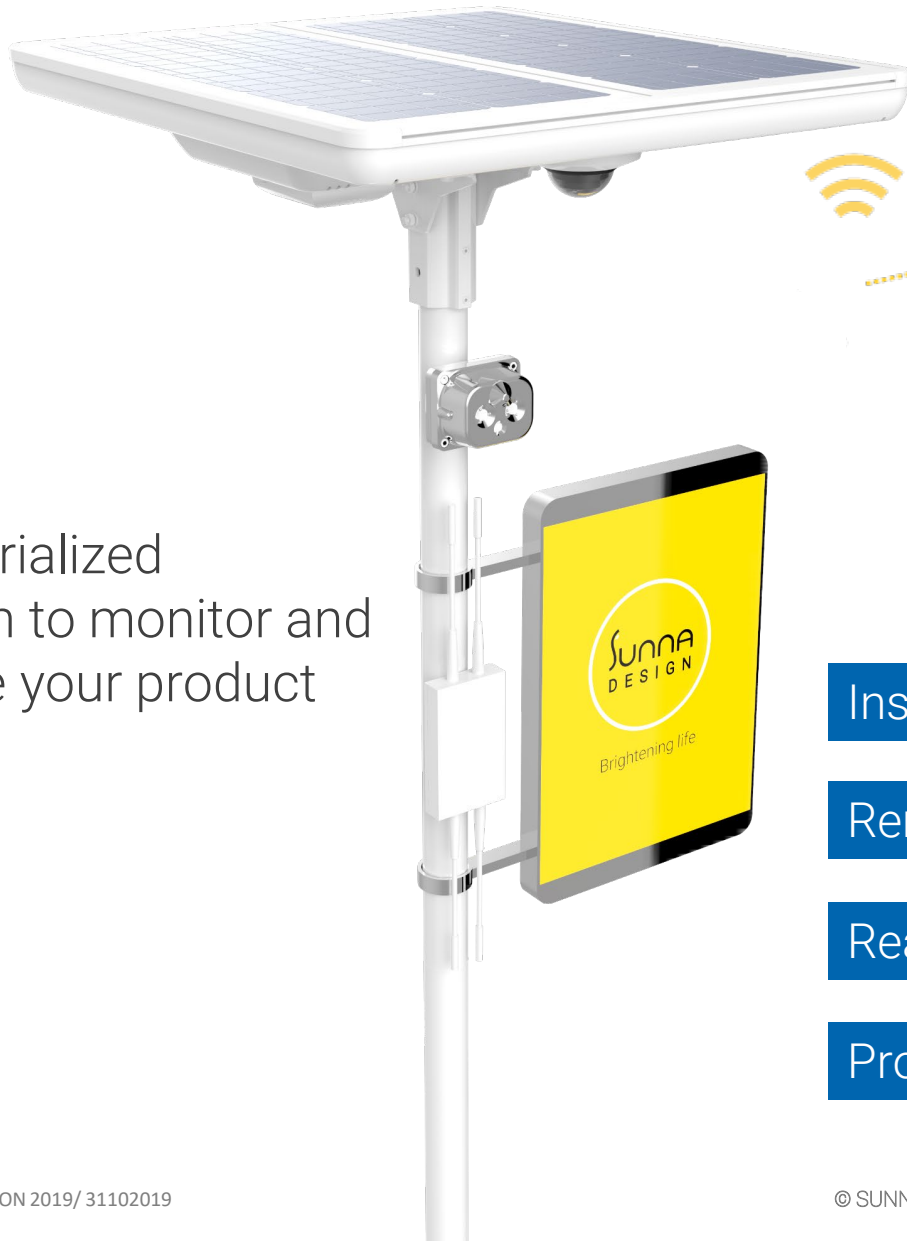
DATA LOG AND PERFORMANCES MONITORING



REGISTRATION AND MAPPING OF YOUR SOLAR GENERATORS

SUNNACLOUD : CENTRALIZED MANAGEMENT

Dematerialized platform to monitor and manage your product fleet.



Installed products referencing

Remote management

Real time monitoring

Product health diagnosis



APPLICATIONS

- **Outdoor advertising:** power supply of advertising planimeter and 4x3
- **Industrial IoT:** environmental sensors, safety sensors...
- **Safety of goods and people:** video protection
- **Urban furniture:** bus shelter, WiFi hotspot, USB charging station...
- **Smart City:** traffic management



Hybrid power supply option (solar + grid)

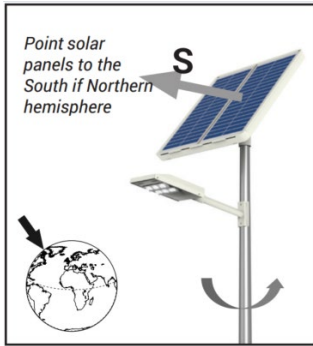


IMPLANTATION

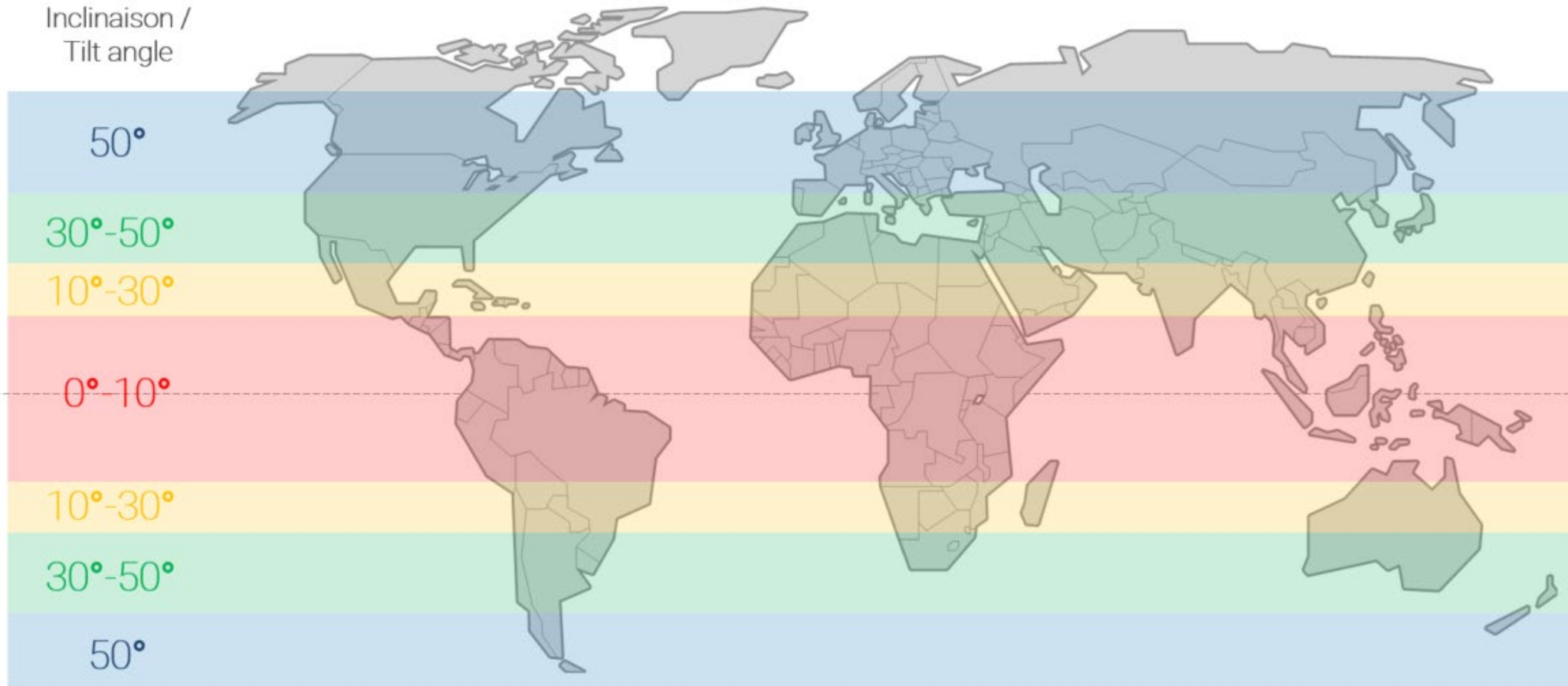
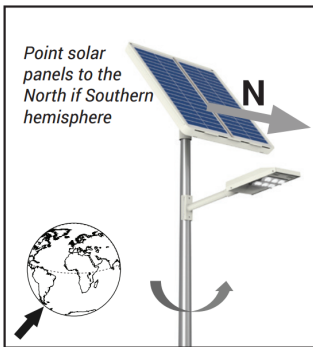
The RISE-On STATION range has been designed to be installed in any place on the globe, ensuring optimal operation.

Tilting

Northern Hemisphere:



Southern Hemisphere

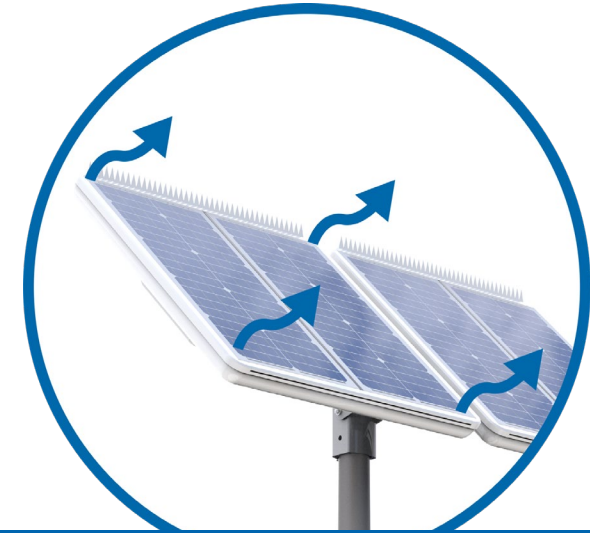


OPTIMISED THERMAL MANAGEMENT

6 COLD AIR INTAKES

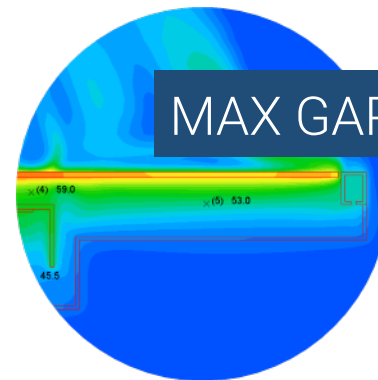


4 WARM AIR OUTLETS



MAX GAP

10°C / AMBIANT T°





ELEMENTS RANGE

Build your
own solar generator

RISE-On ELEMENTS: 3 combinations

SMART



Battery capacity (Wh)	Form factor
120, 240 or 480	Flat or stack

SMART LIGHT



Battery capacity (Wh)	Form factor	LED Power (W)
120, 240 or 480	Flat or stack	10, 20 or 40

SMART SUN



Battery capacity (Wh)	Form factor	Panel Power (Wc)
120, 240 or 480	Flat or stack	25, 40, 80 or 160



CASE STUDY



Case study: Fire sensor

Principle

Solar power supply of fire sensors to issue an alert in case of a fire outbreak

Customer benefits

- Operational in any environment
- High temperature resistant NiMH battery
- Long life-span
- Meshing and communicating network: large geographical area coverage
- Quick and easy deployment
- Reliability: operation guaranteed 24/7/365
- Operating cost = 0€



Interested organisations

- Industrial groups
- High-risk activities (inflammable material, waste recycling site...)
- Wood producers
- Local authorities
- Fire Fighting Unit



Case study: Pollution, CO₂ level

Principle

Solar power supply of environmental sensors in order to be informed in real time of air pollution level, over a wide geographical area

Customer benefits

- Quick and easy deployment
- « Keep your fellow citizens informed »
- Ecological Label
- Standalone solution
- Real-time information
- Compatible with existing management platforms
- Long life-span in any environment
- All in one: sensor constellation + lighting
- Reliability: operation guaranteed 24/7/365
- Operating cost = 0€



Interested organisations

- Local authorities
- Environmental Protection Association
- Ministry of Ecology and Sustainable Development



Case study: Waste management

Principle

Solar power supply of waste filling detection systems in order to anticipate waste collection and optimize collection vehicle tours

Customer benefits

- Standalone solution
- Quick and easy deployment
- Long life-span in any environment
- Ecological Label
- Compatible with existing management platforms
- Reliability: operation guaranteed 24/7/365
- Operating cost = 0€



Interested organisations

- Local authorities
- Waste management companies



Case study: Critical areas

Principle

Solar power supply of toxic emanation detection systems, combined with power supply of remote protection systems (anti-intrusion)

Customer benefits

- Quick and easy deployment
- Long life-span in any environment
- Standalone solution
- Sensor constellation
- Reliability: operation guaranteed 24/7/365
- Operating cost = 0€



Interested organisations

- Industrial groups
- Nuclear sites
- National Agency for Radioactive Waste Management
- Sensitive product producers
- Military bases



Case study: Safety « disaster recovery »

Principle

Solar power supply of warning systems and sensors, combined with a lighting solution, to anticipate climatic disasters and ensure a rapid return to safe living conditions

Customer benefits

- Quick and easy deployment
- Rapid return to normal
- Real-time information
- Sensor constellation
- « Keep your fellow citizens informed »
- Reliability: operation guaranteed 24/7/365
- Operating cost = 0€



Interested organisations

- Local authorities
- First aid stations
- Meteorological companies





OPTIONS



PROTECTIONS ANTI-VOL (OPTION)

The RISE-On range is a all-in-one solar generator. All components are installed at the top of the pole and thus **unreachable**.

- We can offer spigot fixing thanks to anti-theft screws.
- Solar panels are embedded and, therefore, cannot be disassembled.



Anti-theft screws



Self breaking lock nuts





budget NOVO

CITINEA
One Station
4250 m² de bureaux distribués à partir de 240 m²

CALENDRIER
des travaux
AUTOMNE 2020
Mars au septembre
AÏVE 2020
Projet d'aménagement
de Marchés à Dunkerque
MARS 2020
SAISON 2020
Projet de réaménagement
de la place de la République

CHIFFRES CLÉS
DANS TROIS ANS
15%
10%
3500
1200

Bus / Cars (gare routière)
Gare routière
130m
←

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