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Energy Solutions Powered by NuRAN



SOLSTICE 18 Solar Charging Solution
By NuRAN Wireless

SOLSTICE ENERGY PRODUCTS

SOLSTICE offers an innovative, off-grid, and modular solution for providing electricity to mobile phones in remote areas, contributing to financial inclusion and sustainable development..



CONCEPT OF SOLSTICE

- Renewable Energy Solution:** SOLSTICE serves as an off-grid solar charging station, providing electricity for mobile phones through renewable energy sources.

- IoT Connectivity:** The station is interconnected with the internet, transforming it into an Internet of Things (IoT) device, enabling remote monitoring and control.

- PAYG Environmental Solution:** SOLSTICE operates on a "PAYG" (Pay As You Go) model, making it financially accessible and environmentally sustainable.



INTRODUCING

SOLSTICE18 BY

NURAN WIRELESS:

EMPOWERING

VILLAGES WITH

SEAMLESS

CONNECTIVITY

Explore the latest in village connectivity with Solstice18, engineered specifically for communities with 1000 or fewer inhabitants. Our revolutionary solution, powered by Solstice Solar Solutions, delivers reliable and affordable connectivity to even the most remote areas.



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INTELLIGENT MANAGEMENT SYSTEM:

Engage with our interactive system that communicates the maximum charging capacity available for each connected device.

Optimized Solar Charging: Leverage advanced MPPT management algorithms for efficient solar charging.

Smart Battery Management: Experience intelligent battery management to enhance overall system performance.





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BATTERY BANKS - SOLSTICE AGM:

VOLTAGE: 12V

Secure SOLSTICE OMNIBUS Bar System

Explore reliable and efficient battery solutions with SOLSTICE AGM Battery Banks, featuring a 12V system and the safety of the SOLSTICE OMNIBUS bar system.





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EFFICIENT AND SUSTAINABLE:

Our 200 Watts Monocrystalline Solar Panel harnesses the power of the sun to provide a reliable energy source for your needs.

SECURE ASSEMBLY:

The nut-rivet assembly system ensures durability and longevity, securing the solar panel in place for optimal performance.

TAMPER-PROOF HARDWARE:

Our solar panels come with tamper-proof hardware, adding an extra layer of security to protect your investment.

**SOLAR PANEL: 200 WATTS
MONOCRYSTALLINE**

CHARGING DOCK: 18 CHARGING UNITS

EFFICIENT DEVICE CHARGING:

Our charging dock accommodates 18 devices simultaneously, providing a convenient and efficient solution for your community's charging needs.

MULTI-BRANCH WIRES

INCLUDED: The charging dock comes with multi-branch wires, ensuring a tidy and organized setup for efficient use.

WEATHER-RESISTANT USB

PORTS: Equipped with weather-resistant USB ports, our charging dock withstands various weather conditions, ensuring durability and reliability.

UNIVERSAL DEVICE

COMPATIBILITY: The charging dock features storage bases compatible with a wide range of devices, making it versatile for different community needs.



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SPECIFICATIONS

SOLAR PANEL

200 Watts Monocrystalline High Efficiency

SOLAR MANAGEMENT

SOLSTICE MPPT

ELECTRICAL MANAGEMENT

PCU SOLSTICE 16x 5V Ports

CHARGING PANELS

Intelligent Electrical Management

BATTERIES

AGM Battery Bank 1440 Wh with SOLSTICE BusBar System

ANCHORS

Diameter: 50 mm

Length: Approx. 680 mm

Minimum Resistance: 4000 kg

CONSTRUCTION

All-Aluminum Manufacturing

Electrostatic Powder Coating

COLORS

Various color options available based on requirements

DIMENSIONS

(756 x 1450 x 2160) mm.

PRODUCT PACKAGING

Delivered Flat (800 x 2200 x 360) mm

Cardboard & Wood

WARRANTY

Solar Panel: 20 years limited

Batteries: 5 years limited

Management System: 5 years limited

Station: 10 years limited (structure and paint)

EMPOWERING COMMUNITIES THROUGH SUSTAINABLE IMPACT:



At NuRAN Wireless, we believe in making a positive and lasting impact on the communities we serve. Our commitment extends beyond providing connectivity solutions; we strive to empower these communities by reinvesting a percentage of the profits generated back into them. This philanthropic approach is not just a commitment but a responsibility we proudly uphold, aligning with the principles of Sustainable Development Goals (SDGs) and Environmental, Social, and Governance (ESG) standards.

SDG 7:

Affordable and Clean Energy: By providing solar-powered connectivity solutions, we contribute to sustainable and clean energy access in remote areas.

•SDG 9:

Industry, Innovation, and Infrastructure: Our innovative solutions bridge the digital divide, fostering economic growth and infrastructure development.

•SDG 10:

Reduced Inequalities: We prioritize communities with limited access, striving to reduce the digital divide and promote inclusivity.



EMPOWERING COMMUNITIES THROUGH SUSTAINABLE IMPACT:



NuRAN Wireless empowers communities not only by connecting them but by actively involving them in the benefits of our projects. A percentage of the profits generated by users in these villages is reinvested back into community development projects. Whether it's additional solar equipment, educational resources, or essential infrastructure, our goal is to make a tangible and positive difference in the lives of those we serve.

BY CHOOSING NURAN WIRELESS, YOU'RE NOT JUST INVESTING IN CONNECTIVITY; YOU'RE CONTRIBUTING TO A BRIGHTER AND SUSTAINABLE FUTURE FOR COMMUNITIES IN NEED. TOGETHER, LET'S BUILD A WORLD WHERE CONNECTIVITY SERVES AS A CATALYST FOR POSITIVE CHANGE AND SHARED PROSPERITY.

ENVIRONMENTAL STEWARDSHIP:

Through our Solstice Energy Solutions, powered by NuRAN, we embrace sustainable energy practices, reducing our carbon footprint and promoting environmental conservation.

SOCIAL RESPONSIBILITY:

The profits shared with communities contribute to projects such as clean water installations, school infrastructures, and other essential needs, fostering social well-being.

GOVERNANCE EXCELLENCE:

Our transparent and ethical business practices ensure accountability and trust, reinforcing our commitment to responsible corporate governance.





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GET IN TOUCH

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