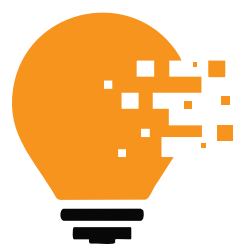


Powering a Sustainable Future

www.ristosolar.com



RISTO SOLAR

Lets You Shine Better

Authorized Channel Partner

adani | Solar

► About Us

Risto Solar, established with a vision to address energy crises and climate change, operates as a technology-agnostic consulting and implementation agency. Led by an experienced team, they provide innovative services and technology solutions in solar power generation, aiming to establish a leadership role in the renewable energy sector.

As an official channel partner of Adani Solar, Risto Solar now holds the Kerala distributorship for Adani panels. This partnership allows them to supply high-quality, Tier-1 modules at competitive industry prices, building upon their established position as a leading EPC and panel supplier in Kerala since 2013.

► Our Vision

To be a leading catalyst in the global transition towards renewable energy, empowering individuals and communities with clean, reliable, and cost-effective solar power.

► Our Mission

To deliver world-class solar products and services that exceed customer expectations.
To support sustainable development through environmentally responsible energy solutions.



► Our Products



On-Grid Solar

Off-grid solar without a generator provides power only when the sun is available or from battery storage. On-grid solar ensures constant power access via the grid, supplementing solar when needed.



Topcon Bi-Facial Panel

Bifacial solar panels are designed to absorb sunlight on both their front and rear surfaces. This allows them to generate power from light received on both sides of the module.



Micro Inverter

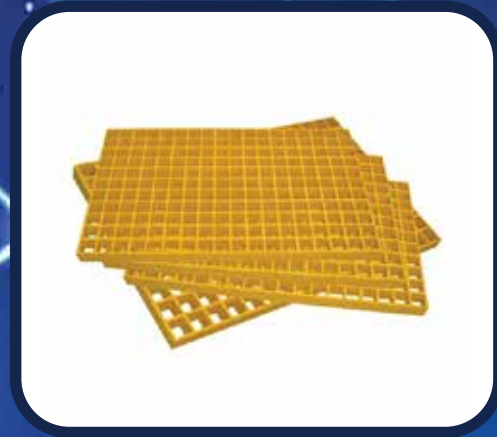
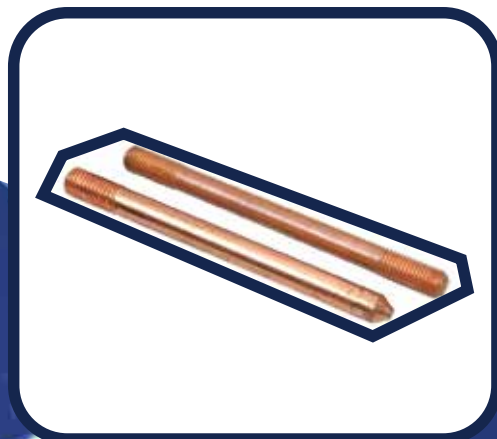
Microinverters, installed per solar panel, optimize individual panel output. This panel-level optimization ensures system resilience, as the failure of one panel or micro-inverter does not impact the others.



Hybrid Inverter

Hybrid solar systems combine grid-tied functionality with battery storage. This enables both grid power access and independent energy storage for use during outages or when desired.

Solar Hub



► Why Choose Risto Solar?



Adani Solar
Channel Partner



Certified &
Experienced
Engineers



End-to-End
Solutions



Customer-
Centric
Approach



Green Energy
Advocacy



Authorized Channel Partner of



*Powering India's
Future, from
Silicon to Sun*

Adani Solar, a part of the Adani Group—India's largest and most diversified conglomerate with a market cap over USD 200 billion—is the country's first and largest vertically integrated solar PV manufacturer. With 4 GW of cell and module capacity and 2 GW for ingots and wafers, Adani Solar is developing a 10 GW fully integrated solar manufacturing ecosystem in Mundra, India. This world-first facility will span 800+ acres and cover the entire PV value chain—from metallurgical-grade silicon to modules—alongside key ancillary units. The green-certified campus is designed for seamless tech upgrades and future scalability.



Official Channel Partner of

solaire

A Lagnuvo Initiative

Illuminating Kerala's Future: Sustainable Energy with Premier Solar Systems.



► Hybrid Inverter



X1-HYB-LV

3.0kW/3.7kW/4.0kW
4.6kW/5.0kW/6.0kW

► Features

High-efficiency

- 200% PV oversized and up to 110% AC output
- 200% peak EPS apparent power, 10 s
- Built-in shadow tracking

Economic

- Max. DC input current 16A, support for high power solar panel
- Low start up voltage brings longer operation time

Intelligent

- UPS-level switcting time < 10 ms
- CT compatible, loads respond within 0.3 s
- Smart loads management
- Max. 10pcs parallel for on-grid and off-grid operation

Safe

- Battery terminal temperature detection
- IP65 protection degree
- Integrated SPD
- AFCI protection (optional)

Battery



Salient Features

- ECO Friendly
- Dynamic Control Algorithm Based BMS
- Ensure safety of Lithium Battery
- Elegant & Compact Design
- Light Weight so wall Mountable
- 5 Years and More
- Fast Charging
- Compatible for Computer Load
- Inbuilt LifePo4 Battery Inside
- Resettable CKT Breaker
- Grid Charging Enable/Disable
- Pure DSP Sine Wave Technology
- Smart Bypass Switch for Emergency

- Wide Input Voltage Range (100V- 280V)
- Inbuilt Solar Charge Controller
- Smart LCD Display
- Inbuilt LifePo4 Battery Inside
- Resettable CKT Breaker
- Grid Charging Enable/Disable
- Pure DSP Sine Wave Technology
- Smart Bypass Switch for Emergency
- Wide Input Voltage Range (100V- 280V)
- Inbuilt Solar Charge Controller
- Smart LCD Display

► Vision

We envision a global shift to sustainable energy by making solar power accessible to all, aiming to be the leading provider of solar systems in Kerala and on-grid inverters in India. Through innovation and commitment to quality, we will revolutionize energy use, fostering economic growth and a sustainable future.

► Mission

Solaire's mission is to drive the widespread adoption of solar energy by delivering innovative, reliable, and affordable solutions, including power inverters in Malappuram and diverse solar accessories across Kerala. As India's leading solar company, we leverage advanced technology and exceptional service to make solar accessible to all, empowering individuals and organizations to embrace sustainability and contribute to a cleaner, sun-powered future.

Sister Concern

EV5CHARGETM
Powered by  **RISTO SOLAR**
Lets You Shine Better

ON THE PATH TO A GREENER FUTURE.

Keep Moving Forward EV5Charge,
Your Reliable Power Source.



► AC EV Chargers

AC charging is a simple and space-saving method of charging electric vehicles that can be effortlessly installed in your space. These electric vehicle chargers come in different power levels and can charge electric vehicles of various makes and models.

They are ideal electric vehicle chargers for home use and can be easily installed at businesses and public charging stations to provide convenient and accessible charger for electric vehicle owners. They also have an over-voltage protection feature to ensure safe charging.



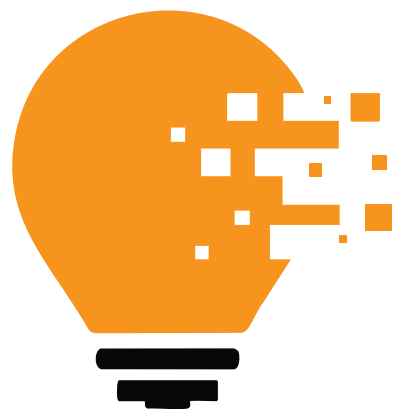
► DC EV Chargers

DC chargers support next-generation electric vehicles with industry-standard fast charging technologies. These are multi-protocol, programmable chargers that support CCS2 for fast charging.

Payments by smart phone or RFID card are simple and secure thanks to the seamless interaction with numerous payment and billing services. Depending on the size of the battery pack, the DC EV charger can charge the EV battery from 20% to 80% in around 40 to 50 minutes.



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