

IAN Sustainable Solutions

COMPANY PROFILE

Transforming energy, water, and sustainable technologies into reliable, high-performance infrastructure, delivered end-to-end through EPC, Trading and O&M.

Smarter Systems. Stronger Returns. Lasting Impact.



About Us

Established in 1982, IAN is a regional leader in sustainable solutions, specializing in solar energy systems, water and wastewater treatment, and renewable energy technologies tailored for both residential and commercial applications across the MENA region.

With over four decades of expertise, IAN delivers end-to-end services spanning product supply, engineering and system design, installation, commissioning, and ongoing operations & maintenance.

Our offerings include high-efficiency solar PV modules, battery energy storage systems (BESS), solar water heaters, containerized solar systems, and innovative water treatment technologies, empowering governments, businesses, and communities to transition to cleaner, more sustainable infrastructure.

Guided by our vision of "Saving the Future of Our Planet," we fuse global innovation with local insight to deliver high-performance, environmentally responsible solutions. Our integrated approach ensures energy efficiency, cost savings, and long-term reliability, all while helping clients meet their sustainability goals and reduce environmental impact.

Our Services

End-to-End solutions, long-term Support



Engineering, Procurement
& Construction



Trading & Distribution
Solutions



Operations
and Maintenance

**Registered Supplier and Contractor for
80+ UAE and regional authorities**

AUTHORIZED AND APPROVED BY:





YOUR SUSTAINABLE
SOLUTIONS PARTNER

40+

Years of Industry Experience

20+

Countries Served

4 GW

Solar Projects and O&M

1.7B+

kg of CO₂ Emissions Avoided

15M+

Gallons of Water Saved

10,000+

CMD of STP Capacity

UAE

SAUDI ARABIA

OMAN

IRAQ

LEBANON

YEMEN

MOROCCO

ALGERIA

SUDAN

SOMALIA

NIGERIA

UGANDA

MOZAMBIQUE

MADAGASCAR

ZIMBABWE

SOUTH SUDAN

SOUTH AFRICA

GAMBIA

PAKISTAN

SRI LANKA

Our Partners

JA SOLAR Trinasolar Jinko Solar Deye HUAWEI

risen solar technology GOODWE ARISTON The home of sustainable comfort SOLAX POWER KSTAR

OZZI KLEEN Water & Waste Water SMARTFLOWER THERMICH metsolar

JOCA HANOURO J-Systems Group DMEGC SOLAR



Products and Services

YOUR SUSTAINABLE
SOLUTIONS PARTNER

Trading solutions

Solar and Water Product Distribution

Solar PV Modules: High-efficiency solar panels with advanced technology and durability.

Inverters & Other Accessories: Charge controllers, tools, wiring, connectors, enclosures, isolators, and solar mounting structures, and other components.

Battery Energy Storage Systems (BESS): Reliable energy storage solutions for residential, commercial, and industrial applications.

All-in-one Containerized, Solar Systems: Relocatable, plug-and-play solar and battery systems available in different capacities and configurations.

Solar Water Heaters: Energy-efficient and durable solar water heating solutions.

Ozzikleen Water and Wastewater Treatment Solutions: Sustainable and compact systems for efficient water management.

Smartflower: SmartFlower is unlike any other system. Standing as a monument to iconic design, its sculptural form moves throughout the day, dynamically interacting with light and shadow.

SWRO, RO and Desalination Systems: Advanced water treatment solutions designed to convert seawater, brackish water, and other sources into clean, reliable water for residential, commercial, and industrial use.

Contracting Solutions

EPC Services

On-Grid Solar PV Systems: Grid-connected design, supply & installations for optimized energy usage.

Off-Grid Solutions: Design, supply, and installation of independent solar systems, for remote locations.

PV-DG Hybrid Systems: Integration of solar PV, diesel generators, and battery systems to provide a reliable and efficient energy supply.

Solar Water Heater Systems: Efficient design and installation of solar water heaters to provide sustainable hot water solutions.

Solar Water Pumping Systems: Eco-friendly solar water pumps powered by sunlight for reliable water management in remote and agricultural areas.

[Our experienced team delivers the design, installation, and commissioning of projects of all sizes.](#)

Operations & Maintenance

Protecting Your Investment, Every Day

Preventive Maintenance: Regular inspections, cleaning, and upkeep to ensure peak performance and reduce downtime.

Advanced Monitoring: Real-time tracking and instant fault diagnostics for quick issue resolution.

Enhanced Efficiency: Cutting-edge technology to detect faults, boost energy output, and extend system life.

Comprehensive Reporting: Performance analysis and reports to keep stakeholders updated on system health.

Tailored Solutions: Customized O&M packages to meet specific client and system needs.

Corrective Maintenance: Repairing or replacing faulty components to restore the system's functionality after a failure or malfunction.



SHUAA SERIES

A UAE-Designed, all-in-one Containerized solar energy system with BESS

A turnkey, containerized solar energy system that delivers reliable, sustainable power to remote and mobile locations. With integrated storage and smart monitoring, it offers a plug-and-play solution for powering sensitive loads, meeting additional energy demand, reducing fuel consumption in genset-powered setups, and ensuring seamless operation during peak-demand periods. Solar panels with advanced technology and durability.



Plug & Play



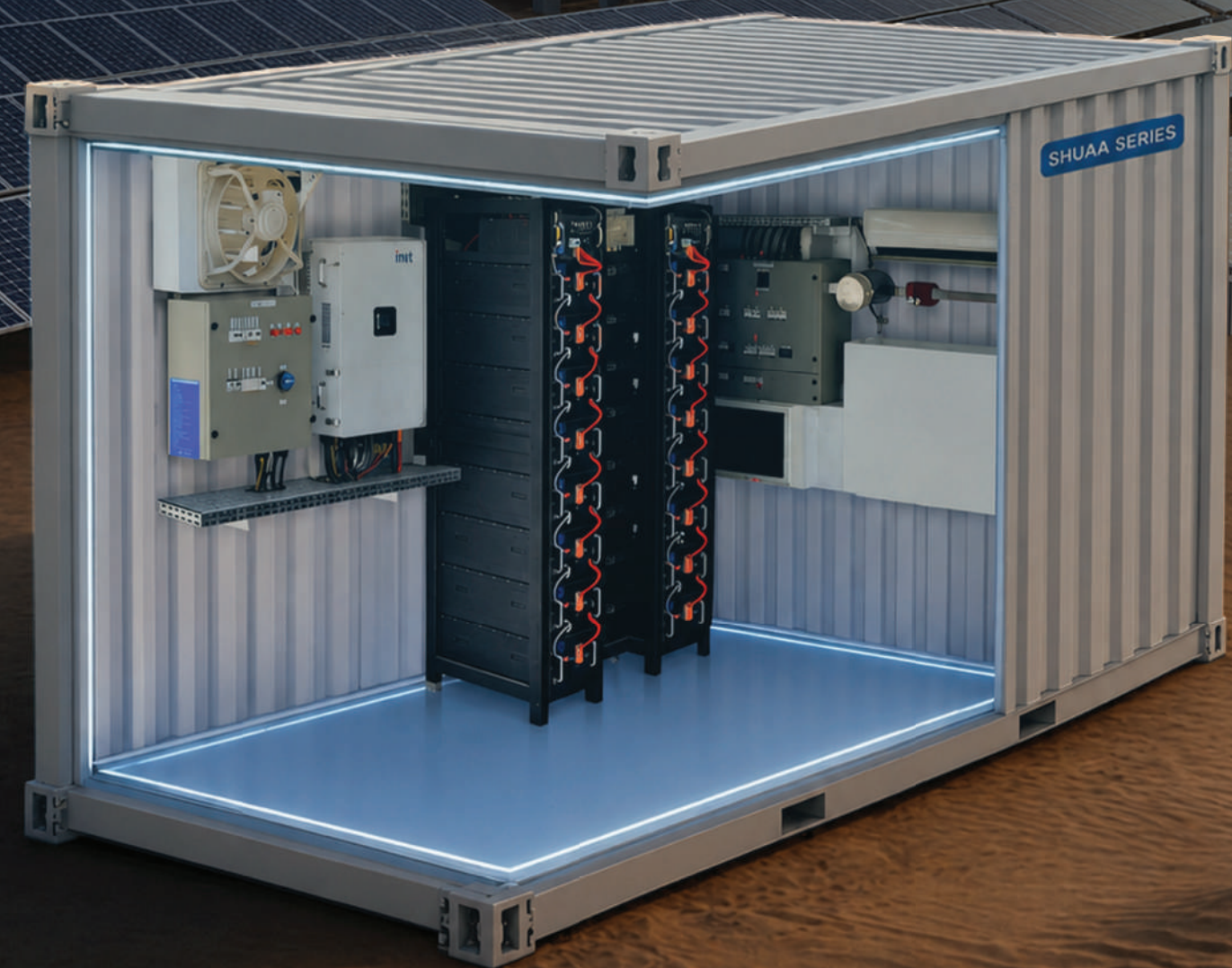
Relocatable Structure



Hybrid Energy



Fast Deployment



SOLAR PV SYSTEM

Solar Capacity	85 kWp
PV Module Type	TOPCon/HJT
PV Module Quantity	144 units

BATTERY ENERGY STORAGE

Battery Type	LiFePO4 (LFP)
Total Energy Capacity	262 kWh
Battery Sets	2x8 units

INVERTER SYSTEM

Inverter Type	Three-phase Energy Storage Inverter
Inverter Rating	2 × 40 kW
AC Output Voltage	400/230 V, 50 Hz

PLUG AND PLAY POWER BOX

Output Connections	125A 5-pin (3-phase), 2 × 63A 5-pin (3-phase), 1 × 63A (single-phase)
--------------------	---

CONTAINER SPECIFICATIONS

Container Type	20 ft High Cube
External Dimensions (L×W×H)	6.06 × 2.44 × 2.89 m · Approx. Total Weight: 14,538 kg
Tare Weight	2,420 kg
Payload	12,118 kg

EQUIPMENT & SAFETY

Cooling	Air Conditioning + Mechanical Ventilation
Fire Alarm System	Provided
Fire Suppression System	Provided
Mounting Method	East-West Ballasted Solar Sandbox
Hazard	High Voltage
IP Rating	IP65
Compliance	IEC standards



Why Choose IAN?



- 1 **40+ Years of Engineering Excellence**
Delivering trusted infrastructure, renewable energy, water and wastewater treatment solutions since 1982.
- 2 **Complete End-to-End Solutions**
From feasibility and engineering to product supply, EPC, commissioning, and long-term O&M.
- 3 **Specialists in Solar, BESS & Hybrid Energy**
Advanced on-grid, off-grid, PV-DG hybrid, and containerized energy systems tailored to every application.
- 4 **Global Technology Partnerships**
Working with the leading international manufacturers to deliver reliable, bankable, and high-performance technologies.
- 5 **Regional Reach with International Supply Capability**
Successfully supporting projects and supplying products across the UAE, GCC, Africa, and international markets.
- 6 **Customized Engineering, Not Standard Packages**
Every solution is designed around the client's energy demand, site conditions, operational goals, and budget.
- 7 **Lifecycle Support Beyond Project Completion**
Comprehensive preventive and corrective maintenance, monitoring, technical support, and performance optimization.
- 8 **Innovation Through Containerized Energy Solutions**
All-in-one, plug-and-play solar and battery systems designed for rapid deployment, mobility, and remote applications.
- 9 **Committed to Sustainability and ESG**
Supporting UAE Net Zero targets, global carbon reduction initiatives, and responsible infrastructure development.
- 10 **A Long-Term Strategic Partner**
Focused on building lasting customer relationships through quality, transparency, technical expertise, and dependable after-sales support.

Benefits of our Sustainable Solutions

-  **Cost Savings:** Lower energy costs and reduced fuel dependency.
-  **Enhanced Performance:** Advanced technology ensuring efficiency and longevity.
-  **Flexibility:** Scalable solutions for diverse project sizes.
-  **Strong ROI:** A fast payback period and long-term financial benefits.
-  **Reliability:** Continuous and dependable energy supply through hybrid and off-grid systems.
-  **Sustainability:** Significant carbon footprint reduction.

Our Clients



Featured Projects

Solar Energy & O&M



1982
FOUNDED

+40
YEARS ACTIVE

4 GW
DELIVERED

+20
BRAND PARTNERS

GCC & MEA
COVERAGE

DP World Jafza and Mina Rashid Solar Facilities: Solar PV module annual maintenance and cleaning with total capacity of 15.07 MWp.

Warsan TCC & DCC Building, Dubai, UAE: 1.8 MWp grid-connected solar carport system with two years of O&M services.

Emirates Golf Club, Dubai - UAE: Installation of 585 KWp grid connected car parking installed.

Jumeirah Golf Estates, Dubai - UAE: Installation of 615 KWp grid connected car parking installed.

Cote D'Azur Hotel, World Islands Dubai, UAE: Integration of 950 kWp rooftop solar PV system with diesel generator set in Cote D'Azur Hotel.

SCMC Solar Hybrid System, Jeddah, KSA: 4 MWp solar hybrid system integrated with diesel generators installed as ground-mounted and rooftop.

Midal - Mozambique/Maputo, Mozambique: 2.2 MWp rooftop hybrid system on Midal Cables Facility. System installed as backup to assure all-time power availability – Solar integration.

Data Centre, South Sudan: 96 KWp rooftop solar system installed.

Telecommunications and Digital Government Regulatory Authority new extension building – Al Mamzar, Dubai, UAE: 125 kWp rooftop on-grid solar PV system for the new HQ.

Emirates Central Cooling System TECOM-C DCP, Dubai - UAE: Design, supply, installation and commissioning of 25 KWp rooftop solar on-grid system.

Aloft Hotel, Exhibition Center, Abu Dhabi, UAE: Repair and maintenance of solar water heating system of 560 collectors.

Labour Camp Accommodation, Fujairah, UAE: Solar PV system powering LCA, total capacity of 130 KWp.

American University of Sharjah - Sharjah, UAE: 22 Kwp Solar off-grid system with battery storage.

Ruwayyah Garage, Dubai - UAE: ITC – 200 KWp Solar on-grid system.

Sweden Island – World Islands, Dubai, UAE: 155 KWp solar off-grid floating system.

On-Grid Solar System

1.5 MWp Solar PV Plant - Dubai Golf & Emirates Golf Estate - UAE

The solar PV system will operate in parallel with the DEWA grid. The generated solar energy will primarily supply the facility's daytime loads, reducing dependence on grid electricity, while any excess energy can be exported to the DEWA grid as per Shams Dubai net-metering regulations. This solution maximizes the use of renewable energy while maintaining a reliable power supply.

Solar Diesel Integration

1 MWp PV Power Plant - Beledweyne, Somalia

This hybrid power plant was successfully commissioned in Beledweyne, Somalia. The system comprises a solar PV energy system integrated with the existing diesel gensets power plant. The next phase is to expand the solar PV capacity and integrate a battery energy storage system.

Grid-Connected Solar Car Park

615 KWp - Jumeirah Golf Estates, Dubai, UAE

The turnkey EPC project included engineering, procurement, installation, testing, commissioning, and grid integration of a high-efficiency solar PV system, converting parking infrastructure into a clean energy-generating asset while providing shaded parking.



Featured Projects

Water Treatment



1982
FOUNDED

+40
YEARS ACTIVE

+26,000 CU.M
DELIVERED

+20
BRAND PARTNERS

GCC & MEA
COVERAGE

Emirates Civil Defence Al Aweer, Dubai - UAE: A 600 CMD sewage treatment plant using MBBR technology, together with an integrated firefighting system.

Anantara World Island Dubai Resort - UAE: Design, supply and installation of thermosiphon Ariston solar water heaters.

Anantara World Island Dubai Resort - UAE: OZZI KLEEN sewage treatment plant with total capacity of 100 CMD. OzziKleen sewage treatment system RP 10 and GTS 10 with a total of 39 units.

Obeid Al Helo Mosque, Dubai, UAE : 25 CMD Sewage Treatment Plant.

Sheikh Hamdan Stables - Dubai, UAE: 2 x 20 CMD STP Skid-mounted – MBBR Technology.

Mushrif Park & Nad Shamma Park: OZZI KLEEN sewage treatment plant with total capacity of 10 CMD.

Halwan Children's centre – Sharjah, UAE: 60 CMD STP skid mounted – ETP Technology.

Dubai Holding Headquarters - Dubai, UAE: OZZI KLEEN sewage treatment plant with total capacity of 16 CMD.

RIG 701 - Kuwait: Design, supply and supervision of T&C of OZZI KLEEN SK25-A ST.

Industrial & Ventures Division – Khobar, Saudi Arabia: 2 x 4 CMD OZZI KLEEN sewage treatment plant with SBR technology.

Emirates Global Aluminum - Abu Dhabi, UAE: Design, supply and Installation of thermosiphon Ariston solar water heaters.

Labor Camp Accommodation, Al Hayl – Fujairah, UAE: 200 CMD STP MBBR technology – Recycled water reused for flushing and irrigation.

Guest Room Jumeirah 4, Dubai - UAE: 2 x 4 CMD OZZI KLEEN Sewage treatment plant with SBR technology.

LCA Hayl, Fujairah - UAE: Design, supply and installation of forced circulation Thermicsol solar water heaters.

194 private villas – Jebel Ali Hills: Design, supply and installation of thermosiphon Thermicsol solar water heaters.

Sewage Treatment Plant

200 CMD Sewage Treatment Plant
DULSCO Labor Accommodation - Dubai, UAE

Delivered a 200 CMD Sewage Treatment Plant for the treatment and recycling of domestic wastewater, enabling its safe reuse for non-potable applications. The system enhances water sustainability while reducing freshwater consumption and supporting environmentally responsible operations.



Effluent Treatment Plant

60 CMD prefabricated Effluent Treatment Plant - Government of Sharjah, Sharjah Childcare Center - Sharjah, UAE

Designed and implemented to efficiently treat wastewater and ensure safe disposal in compliance with environmental standards. The project delivers a reliable, compact, and sustainable wastewater management solution.



Sewage Treatment Plant

35 CMD SAFF Technology STP
Unilever Home Dubai, Dubai, UAE

The plant was successfully designed to treat and recycle wastewater for non-potable reuse. The system provides an efficient, environmentally sustainable solutions that supports water conservation and regulatory compliance.





Company Profile 2026

 www.ian.ae

 info@ian.ae

 AG Holding Building, Airport Rd., Dubai, United Arab Emirates