

ADWIN®

Life Bhi Plus, Power Bhi Plus



Adwin Solar Solutions

Powering the shift to clean energy for a safer, sustainable world.

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Chairman's Message

At **Adwin**, our journey has always been about people working together toward a shared vision. What truly sets us apart is the strength of our team. Each person brings something valuable to the table, and by recognizing and using these strengths, we've been able to grow both as individuals and as a company.

I believe that success is never the result of one person alone. It comes from collective effort, trust, and the willingness to learn from one another. Together, we've built a culture that values collaboration, encourages new ideas, and celebrates progress at every step. As we look ahead, we're excited about the road before us. Adwin is investing in cutting-edge research in both Lithium and Lead-acid battery technologies, driving innovation to power the future responsibly and efficiently. We are also expanding our presence in the home electrical space, introducing products that combine reliability, design, and everyday convenience.

Our goal is to make Adwin a name that every household in India recognizes and trusts, while continuing to deliver world-class solutions for our industrial clients and OEM partners. With passion, innovation, and teamwork guiding us, I am confident that the best of Adwin is yet to come.



Mr. Sanjiv Gupta

Managing Director

MISSION

At Adwin Power, our mission is to deliver clean, reliable, and high-performance energy solutions that empower lives and industries. Rooted in innovation and guided by responsibility, we design sustainable technologies that serve today's needs and tomorrow's possibilities.

With a promise to stand by our customers, we aim to build a future where energy is accessible, efficient, and shared.

VISION

Our vision is to energize a cleaner, smarter world through sustainable and high-impact energy solutions.

We aim to transform the way power is generated, stored, and used—making it more accessible, efficient, and life-enhancing. Driven by purpose and passion, we strive to exceed expectations while building a future rooted in trust, innovation, and responsibility.



Since 1995

Unique Group has built a tradition of quality and innovation across industries—plywood, fertilizers, cement, LED lighting, Battery, MDF & Particle board, Geysers and more. It's been shaping businesses with trust, technology, and an uncompromising commitment to excellence.

We entered the power sector with “ADWIN” Focused on advanced energy solutions. Adwin is known for lead-acid and lithium-ion batteries for inverters, vehicles, e-rickshaws, and solar systems.



Our modern facilities feature advanced machinery and R&D, ensuring Adwin products meet high performance, safety, and durability standards.



Our journey so far has been fueled by innovation, resilience, and a dedication to excellence. Let's explore the key milestones that have shaped our path of growth and transformation.

- 
- 2010**
 - Established Adwin with a vision to redefine energy solutions in India
 - 2012**
 - Our first lead acid inverter battery, the UTT 1536.
 - Introduced **first 220AH lead acid battery** in the Indian market.
 - 2016**
 - Production capacity to 20,000 batteries per month.
 - 2017**
 - Reached a turnover milestone of ₹75 Cr.,
 - 2018**
 - Production capacity to 30,000 batteries per month.
 - Crossed the ₹150 Cr. turnover mark.
 - 2019**
 - Stepped into the international market, First overseas distributor in Nepal and expanding into Nigeria
 - 2020**
 - Boman Irani as our official brand ambassador.
 - **HULK – 300AH lead-acid battery**, becoming the first Indian company to manufacture this capacity
 - 2021**
 - Production capacity to 50,000 units
 - Global footprint with exports to Yemen, Turkiye, UAE, Syria, and Lebanon.
 - 2023**
 - Dedicated battery assembly unit capacity to 75,000 units per month
 - Dedicated production facility in Nepal.
 - BHEEM – 500AH lead-acid battery, becoming the only Indian company to produce batteries of this capacity.
 - Achieved a ₹350 Cr. turnover milestone.

2024

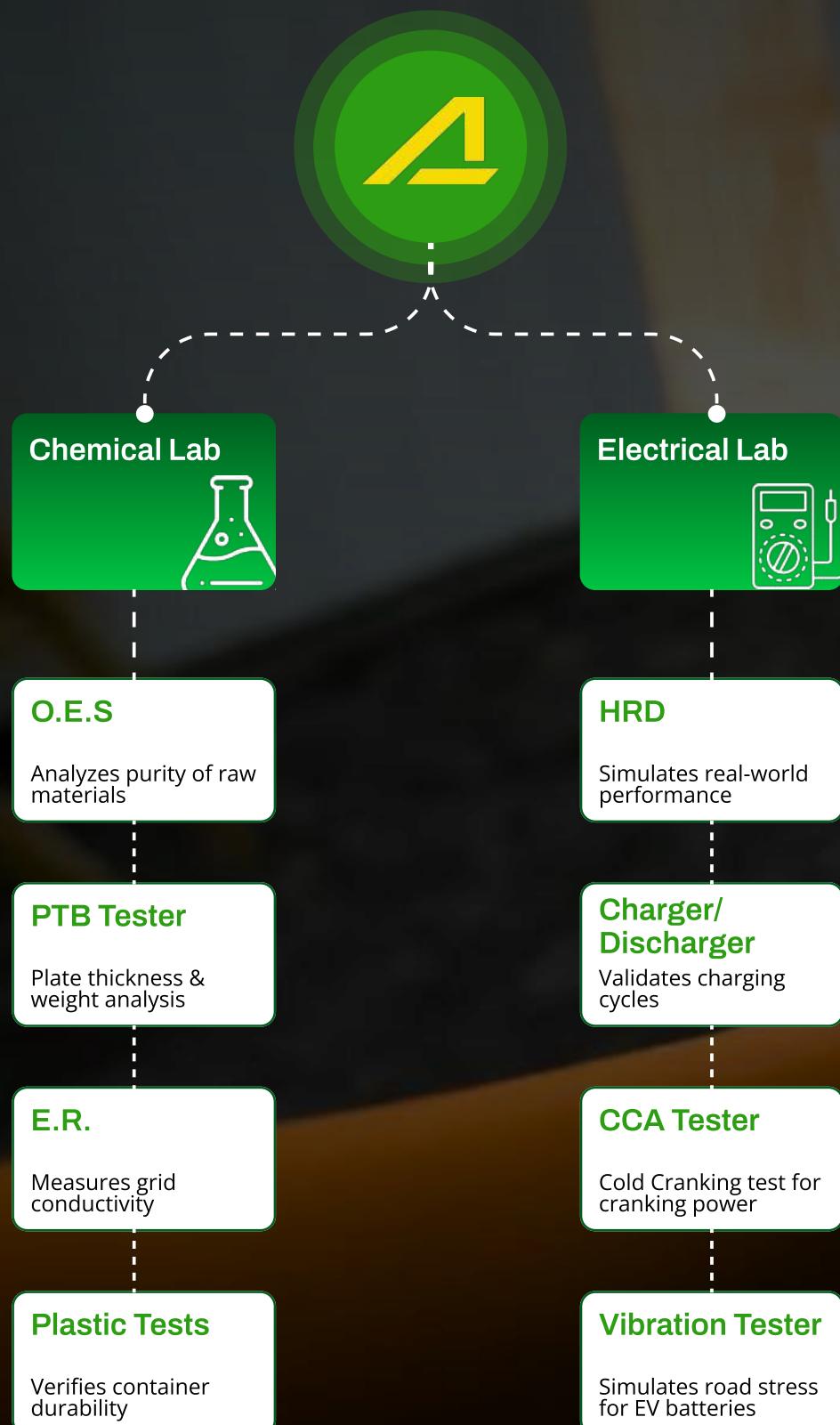
Lithium battery segment, expanding our portfolio into next-gen energy solutions

2025

Auto battery assembly unit in Sri Lanka, further extending our regional manufacturing footprint.

Innovation at Our Core

Adwin's commitment to product excellence begins at its advanced in-house labs. From raw material testing to performance validation, every battery is crafted through rigorous analysis across chemical and electrical dimensions.



Why Choose ADWIN®

With over a decade of battery innovation, Adwin stands as a trusted name in reliable energy. Here's what sets us apart

- 1 Trusted Performance
- 2 Next-Gen Innovation
- 3 Wide Product Range
- 4 Export-Ready Manufacturing
- 5 Strong After-Sales Support
- 6 Backed by Legacy

Trusted Performance

Proven battery technology used in homes, vehicles & industries nationwide.

Next-Gen Innovation

Driven by R&D and lab-tested for maximum efficiency & life.

Wide Product Range

From inverter batteries to lithium and EV solutions — one brand, multiple needs.

Export-Ready Manufacturing

Products designed for global markets with compliance and standards.

Strong After-Sales Support

Pan-India service coverage and responsive customer care.

Backed by Legacy

A division of the Unique Group — a name trusted across multiple industries since 1995.



GLOBAL PRESENCE

Adwin Power's energy solutions are trusted across 8+ countries in India, the Middle East, and Africa—empowering progress on a global scale.

- 
- Based out of **INDIA**
 - Factories & Assembly units at:
 - 📍 **INDIA**
 - 📍 **NEPAL**
 - 📍 **SRI LANKA**

OVER
3.5 MILLION

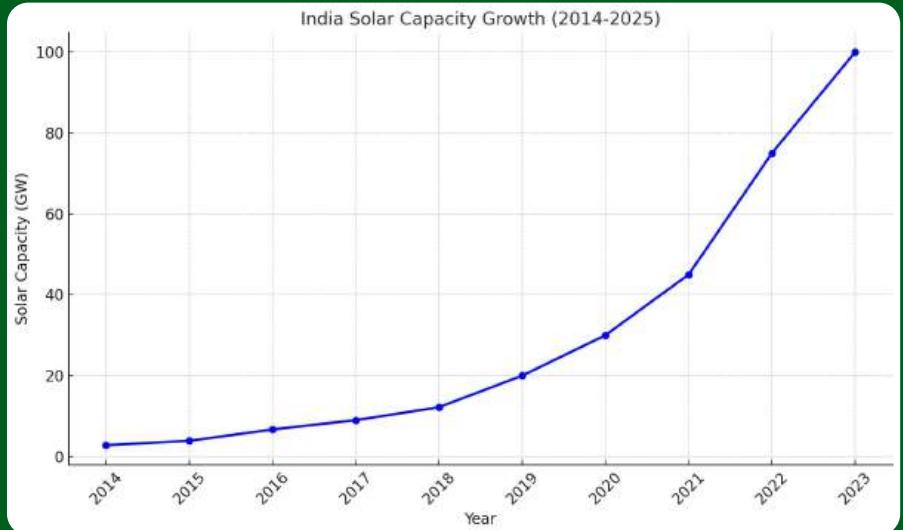
BATTERIES ALREADY IN MOTION — POWERING HOMES,
ROADS, FARMS, AND INDUSTRIES ACROSS INDIA.

WITH A MONTHLY CAPACITY OF
80,000+ UNITS
WE DON'T JUST MEET DEMAND,
WE STAY AHEAD OF IT.

WHY SOLAR SOLUTIONS?

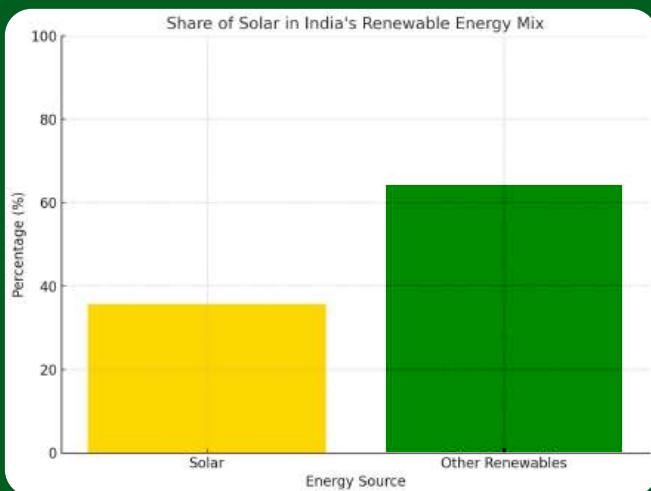
India's solar capacity

India's solar capacity grew from 2.8 GW (2014) to over 100 GW by mid-2025.



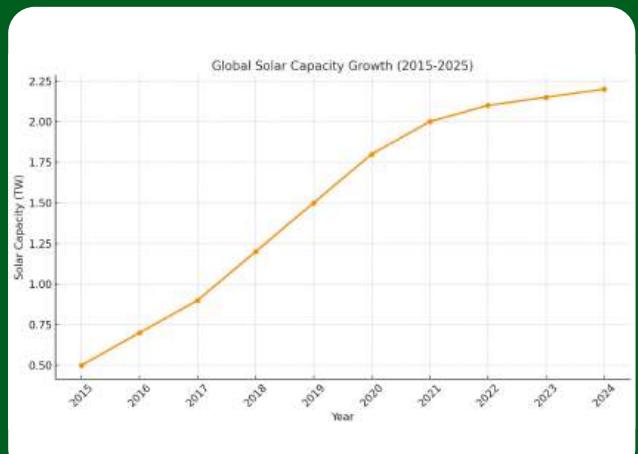
Global Power Mix

Solar powers 35.65% of India's renewable energy mix.



Global Solar Capacity

Global solar capacity exceeds 2.2 TW.



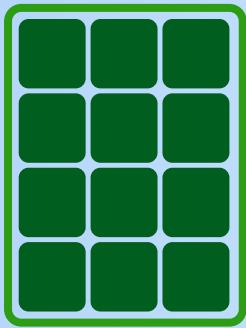
(Source: Ministry of New and Renewable Energy)

SMART & RELIABLE

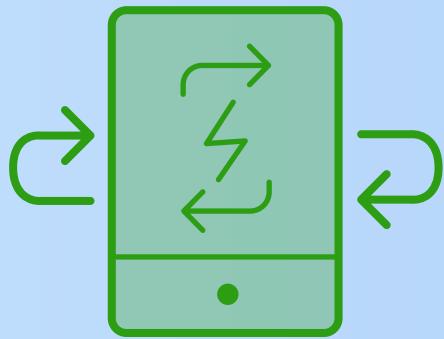
POWER SOLUTIONS FOR MODERN HOMES



Built for
**The Demands of
Tomorrow**



High-efficiency
panels



Adaptive Solar
inverters



Smart Energy
storage



Designed for endurance, optimized for India's evolving energy needs.

Solar Panels

At the heart of every Adwin solar system is a panel engineered to convert sunlight into dependable energy.

Each panel is built with precision-cut photovoltaic cells—designed to absorb solar radiation and release electric current with high efficiency.

Housed in a durable glass casing and reinforced metal frame, our modules are made to perform under heat, dust, wind, and time.

From rooftops to rural grids, Adwin panels turn light into lasting power—quietly, cleanly, and consistently.

Product Specifications

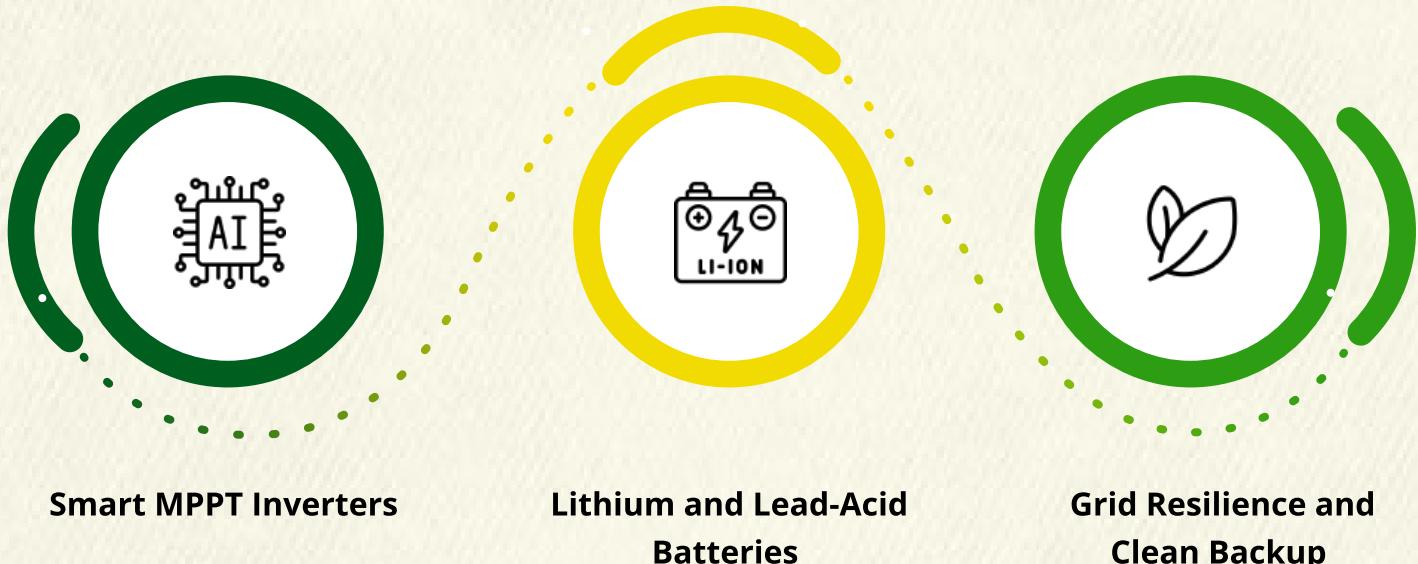
Mention Watt.	Voltage	Type
50W	12V	MONO
110W	12V	MONO
250W	12V	MONO HALF CUT
545W	24V	BI FACIAL
570W	24V	BI FACIAL
650W	24V	TOP CON
DCR		
500W	24V	HALF CUT BI FACIAL
550W	24V	HALF CUT BI FACIAL

Solar Technology with Adwin

At Adwin, we don't just harness solar energy — we make it available when and where it's needed most.

Our technology ecosystem includes high-performance panels, inverters, and batteries designed to work in sync for homes, farms, and businesses. Smart storage ensures energy generated during the day is saved and used during outages or nighttime.

Whether you're off-grid, hybrid, or seeking round-the-clock reliability, Adwin provides continuous power through:



This is solar made smarter. This is Adwin.

Applications

Inverter systems for



Homes



Shops



Clinics



Agri-pumps



Diverse Range of Solar Panels



Rooftops



off-grid systems



farms

Institutional
projects

SOLAR

Designed for long backup in off-grid and rooftop installations



Solar Panels



Lithium Solar Inverter



Solar Battery

Tech Highlights:

10 Bus Bar cells, reinforced glass frames, weather-resistant modules.

LEAD ACID SOLAR BATTERIES

Designed under our lead-acid range, they're built to store more, last longer, and perform reliably—even in challenging weather.



300Ah Capacity



Fast Recharge Cycle



Solar Compatible

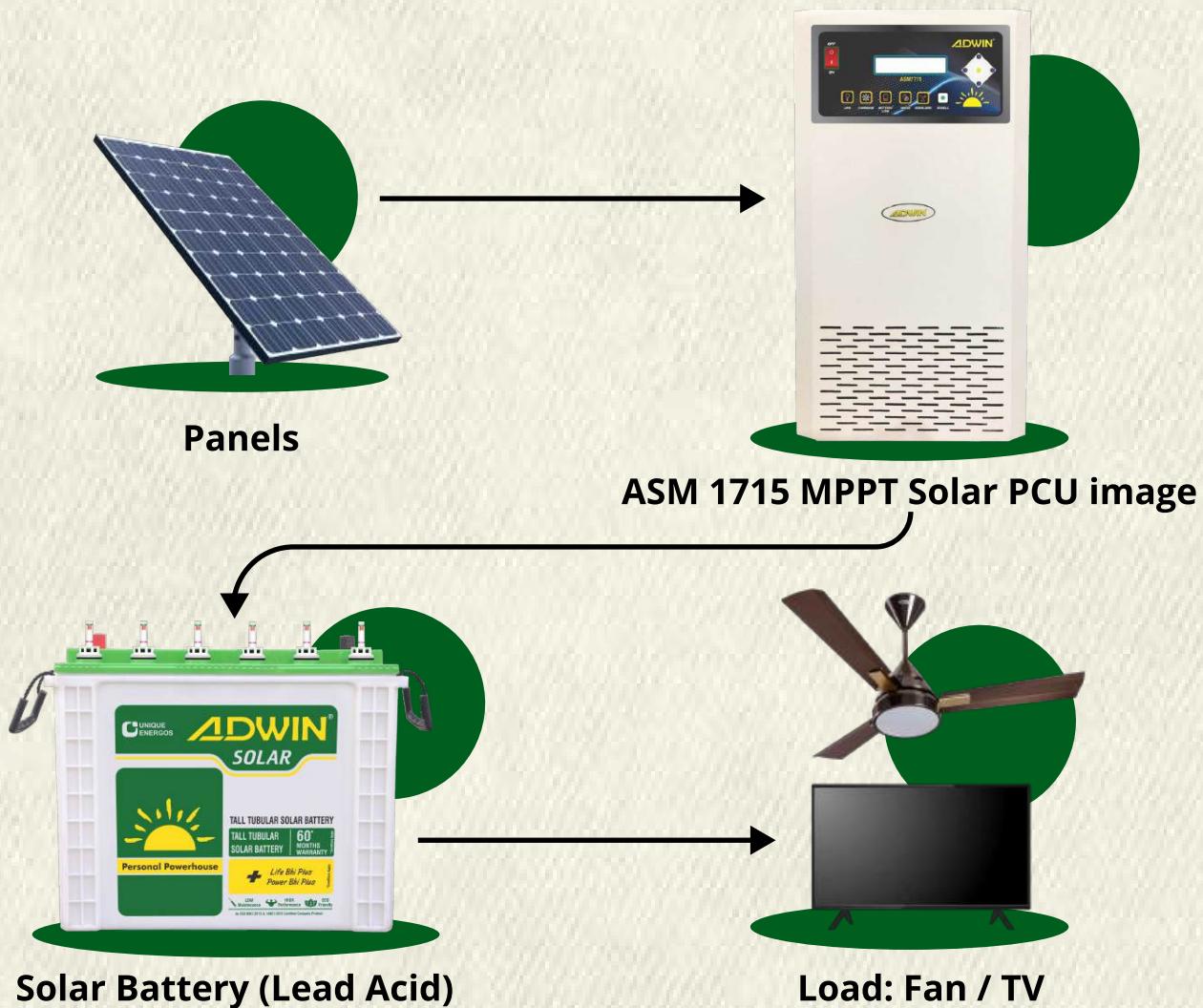
KEY FEATURES

- Tall tubular technology for long-lasting backup
- Delivers up to 8.5 hours on 400W load
- Maintenance-friendly design
- 100% recyclable outer casing
- Ideal for inverter & solar use
- Warranty up to 60 months

Product Specifications

Model	Capacity (AH)	Voltage	Warranty (Months)	Backup (Approx.)	Container Type
UESL 40 N-100N	40	12V	60*	1:50 hrs (200W)	N-100
ASTT1500H	150	12V	60*	2:40 hrs	IT-500
ASTT1700H	170	12V	60*	3:00 hrs	IT-500
ASTT2000H	200	12V	60*	3:40 hrs	IT-500
ASTT2300H	220	12V	60*	5:10 hrs	IT-500 J
ASTT2500H	240	12V	60*	4:50 hrs	IT-500 J

Schematic Representation



SOLAR INVERTERS

MPPT & PWM models, Indian grid compatible, surge-protected.



Grid + Solar Dual Input



Smart Energy Management



MPPT-Based Fast Charging



Overload & Short Circuit Protection

KEY FEATURES

- Wall-mountable compact design
- Advanced MPPT technology for max solar efficiency
- Seamless switching between solar, grid, and battery
- Real-time display with LED indicators
- Smart overload and reverse polarity protection
- Compatible with existing battery setups
- Ideal for homes, clinics, shops & telecom units

Product Specifications

MODEL NAME	CAPACITY	DC VOLTAGE	TYPE
ASM 1210	1 KVA	12V	MPPT SOLAR PCU
ASM 1310	1 KVA	24 V	MPPT SOLAR PCU
ASM 1715	1.5KVA	12V	MPPT SOLAR PCU
ASM 2220	2KVA	24 V	MPPT SOLAR PCU
ASM 2725	2.5 KVA	24 V	MPPT SOLAR PCU
ASM 3230	3 KVA	24 V	MPPT SOLAR PCU
ASM 3330	3 KVA	48 V	MPPT SOLAR PCU
ASM 3735	3.5KVA	48 V	MPPT SOLAR PCU
ASM 5550	5 KVA	48 V	MPPT SOLAR PCU
ASM 7775	7.5 KVA	96 V	MPPT SOLAR PCU
ASM 12100	10 KVA	120 V	MPPT SOLAR PCU
ASM 22000	20 KVA	240 V	MPPT SOLAR PCU

Schematic Representation



LITHIUM SOLAR BATTERIES

Fast charging, compact form factor, extended lifecycle.



300Ah Capacity



Fast Recharge Cycle



Solar Compatible

KEY FEATURES

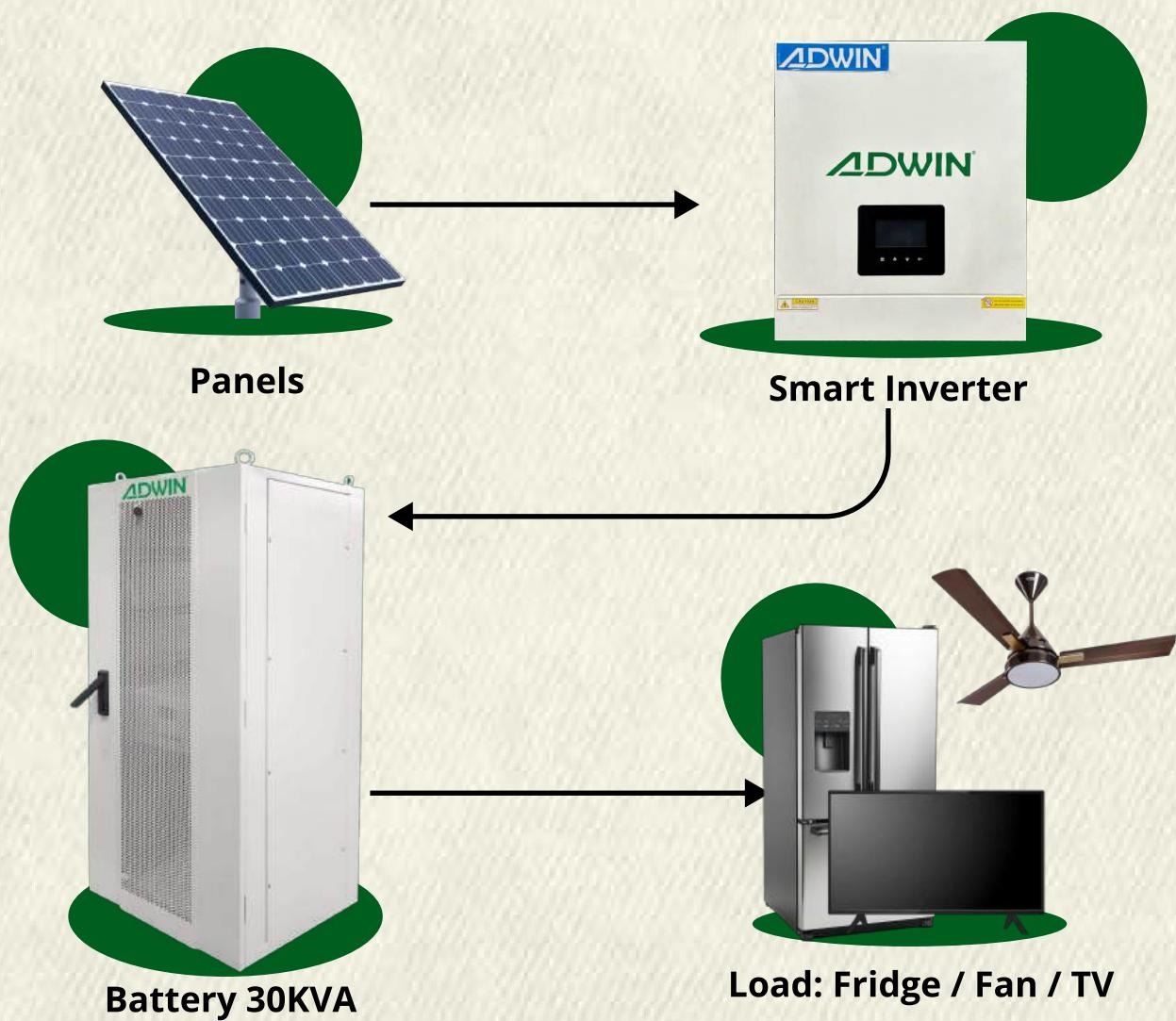
- Tall tubular technology for long-lasting backup
- Delivers up to 8.5 hours on 400W load
- Maintenance-friendly design
- 100% recyclable outer casing
- Ideal for inverter & solar use
- Warranty up to 60 months



Product Specifications

Model	Voltage/ AH	Warranty (Months)	Dimensions (mm)	Backup (100W load) (Approx.)
AD12A12L24	12V/12AH	24*	151 x 98 x 94	0.76 hrs
AD30A12L1S	12V/30AH	12*	135 x 75 x 169	1.92 hrs
AD18A12L1S	12V/18AH	12*	110 x 75 x 134	1.15 hrs
AD6A12L18	12V/6AH	18*	150 x 64 x 94	0.76 hrs

Schematic Representation





Let's Connect

We'd love to hear from you. Whether you're a distributor, partner, or customer—reach out to us for any business inquiries, support, or collaborations.

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