



Date: January 02, 2026

**To,
Listing Department
National Stock Exchange of India Limited
Exchange Plaza, Plot No. C-1, G Block
Bandra-Kurla Complex,
Bandra (E), Mumbai – 400051**

SYMBOL: SMARTEN
ISIN: INE14GK01016

Dear Sir / Madam,

Subject: Investor Presentation under the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015 ('SEBI Listing Regulations')

Dear Sir/ Madam,

Pursuant to Regulation 30 read with Regulation 46 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations 2015, please find attached herewith the Investors Presentation on H1 FY'26.

The same will also be made available in the website of the Company at <https://smartenpowersystems.in/> .

We request you to kindly take the same on record.

Thanking you,

**Yours Faithfully
For Smarten Power Systems Limited
(formerly known as Smarten Power Systems Private Limited)**

**Vandita Tripathi
Company Secretary & Compliance Officer**

Encl:- a/a

SMARTEN POWER SYSTEMS LIMITED

(Formerly known as Smarten Power Systems Private Limited)

Reg Office: 374, 1st Floor Pace City-2, Sector-37, Gurgaon, Haryana, India, 122001

CIN: L31401HR2014PLC052897 **Phone:** +91 124 4720456

Email: info@smartenpowersystems.com

Website: www.smartenpowersystems.com

SMARTEN POWER SYSTEMS LIMITED

An integrated manufacturer of energy
storage solutions



INVESTOR PRESENTATION: H1 FY'26

This presentation and the accompanying slides (the “Presentation”), which have been prepared by **Smarten Power Systems Limited** (the “Company”), are provided solely for informational purposes.

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Any offering of securities by the Company will be made only through a statutory offering document containing detailed information about the Company.

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TABLE OF CONTENT

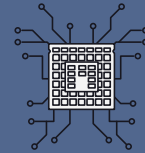
- About Us
- Company Highlights
- Becoming a Mass-Market Consumer Electronics Brand
- Product Portfolio
- Product Snapshot
- Industry-Leading Warranty & Distribution Strength
- Infrastructure & Capabilities
- Battery Manufacturing Process
- Industry Opportunity
- R&D Focus
- Company Journey & Milestones
- Geographical Presence
- Leadership Team
- Certificates and Recognition
- Financial Statements & Ratios
- Sales Breakup
- SWOT analysis
- The 'Smarten' Chronicle
- Investment Rationale
- Management Commentary
- Contact Information

ABOUT US



Power Electronics Leader

Integrated manufacturer of solar inverters, UPS systems, and power backup solutions



Experienced founding

Founders having 22+ years of experience in the Power backup and electronics sector



Global Market Presence

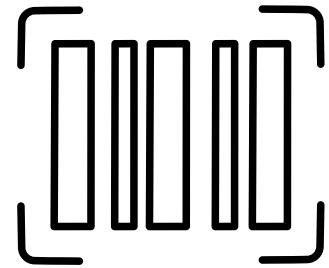
Exporting to 17+ international markets and Pan-India presence across 23 states & 2 UTs

Service Footprint

Extensive Service Network with 87 Engineers and over 250 Skilled Professionals

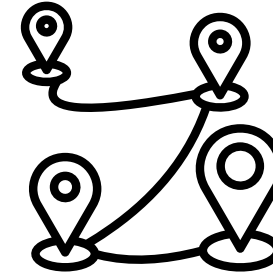


COMPANY HIGHLIGHTS



372

SKUs



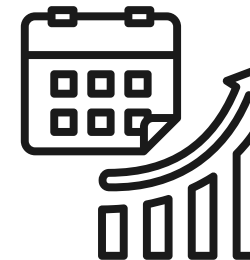
501

Total distributors



302

Employees
empowered



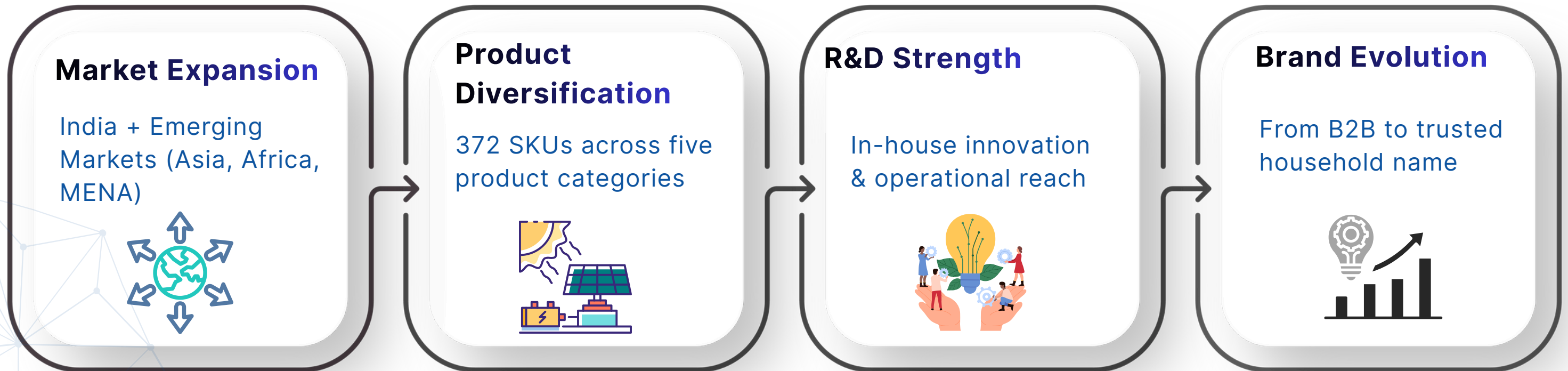
~200CR

Annual sales in
FY25 so far

BUILDING A MASS-MARKET FOR BATTERIES & INVERTERS

Smarten Power Systems Limited envisions transforming from a power-solutions provider to a trusted consumer electronics brand — delivering **reliable, affordable, and technology-driven energy products** to homes and businesses across India and global markets.

Smarten combines R&D strength, manufacturing scale, and **nationwide distribution** to build a **household brand in power backup** and distributed energy.



PRODUCT PORTFOLIO



UPS Systems and Inverters

- Uninterrupted power backup
- Smart charging even at low input voltage (down to 90V)
- LCD display for real-time status monitoring



Solar Charge Controllers

- Regulates and optimizes power flowing from solar panels to batteries
- Improves solar utilization efficiency
- Uses MPPT (Maximum Power Point Tracking) to extract up to 30% more energy



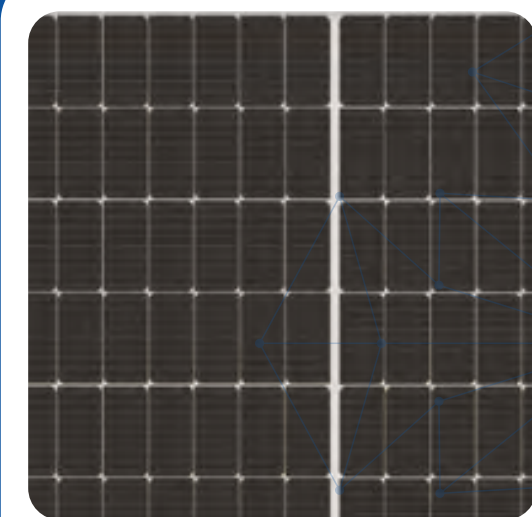
Solar PCUs (Power Conditioning Units)

- Converts solar DC power into usable AC power while managing batteries and grid supply
- Designed for heavy loads
- Full electrical protection features



Lithium-Ion / Lead Acid Batteries

- High-capacity energy storage for home UPS and inverters
- Optimized for solar inverter applications.
- Compatible with all major solar inverter brands



Solar Panels

- Monocrystalline, Polycrystalline and Bifacial
- Suitable for utility-scale and large rooftop projects

PRODUCTS (1/6)

INVERTERS



'Bravo' Series

- High-performance UPS for heavy & mixed loads (up to 10 kVA)
- Pure sine wave with DSP control & smart low-voltage charging
- Standard indicators; robust design for larger homes/offices



'Nova' Series

- Premium, user-friendly UPS (up to 3 kVA)
- LCD display for real-time status (battery, load, mains)
- Ideal for everyday home use with intuitive interface

PRODUCTS (2/6)

SOLAR CHARGE CONTROLLERS

Core Function:

Regulates battery charging, protects batteries, and manages power flow — ensuring longer battery life, stable operation, and higher ROI on solar investments. They manage how solar energy is stored.



PWM (pulse width modulation) controller gradually reduces charging current as batteries approach full charge and is simple,economical and reliable for small home / rural solar and off grid systems



MPPT (Maximum Power Point Tracking) controllers, on the other hand, dynamically adjust voltage/current to extract maximum power from solar panels and are 30% more energy efficient

They are ideal for areas with high battery capacities, rooftop solar systems, commercial and high end residential installation

PRODUCTS (3/6)

SOLAR HYBRID INVERTERS / POWER CONTROL UNIT (PCU)

All-in-one systems combining inverter, charger & solar controller for:

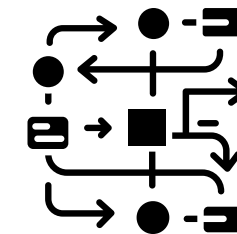
Solar power input & battery charging



Reliable backup



Lower grid dependency



Strategic Perspective

- **MPPT-type PCUs:** Highly efficient and perform well in low sunlight with faster battery charging speed.
- **PWM-type PCUs :** Entry-level ones with a mass domestic market. Dealers can bundle PWM-type control units with batteries. They suit smaller tubular batteries



PRODUCTS (4/6)

Overview

On-Grid Solar Inverters are systems designed to operate in synchronisation with the utility electricity grid. They convert direct current (DC) power generated by solar panels into alternating current (AC) power that can be directly used by electrical loads or exported to the grid.

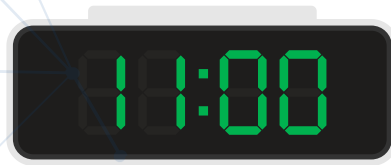
- Operate only when the grid is available (no battery backup)
- Automatically synchronise voltage, frequency, and phase with the grid
- Enable net-metering, allowing excess solar power to be fed back into the grid
- Shut down during grid outages (anti-islanding safety feature)



Strategic Perspective



Easy to install



Big LCD Display



Cost-effective solar solutions



Inbuilt GPRS/WIFI
communication

BATTERY PORTFOLIO

Smarten offers a **comprehensive range of batteries** designed to meet diverse energy storage needs — from **cost-effective home backup systems to advanced lithium-based systems** for modern solar and hybrid applications.



Lead-Acid Batteries

Affordable and reliable solution for budget-conscious users.

- Ideal for small to medium homes, UPS systems, and entry-level solar setups.
- Proven technology with wide market acceptance and compatibility.



Tubular Batteries

Built for heavy-duty and deep discharge applications.

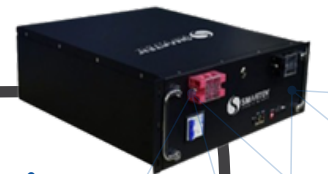
- Long life, lower maintenance, and strong performance under frequent cycling.
- Perfect for larger homes, commercial facilities, and solar+backup systems.



Sealed Maintenance-Free (SMF) Batteries

For maintenance-free and clean installations.

- Completely sealed, no water refilling required.
- Suited for indoor or urban environments where convenience matters.



Lithium-Ion Batteries

Next-generation, high-efficiency storage for premium systems.

- High cycle life, fast charging, and compact design.
- Ideal for hybrid solar setups, commercial use, and EV-ready energy systems.

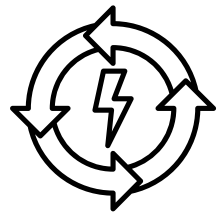
Strategic Perspective

A balanced product line covering **value, performance, and innovation segments**, positioning Smarten as a complete energy storage solutions provider across **residential and commercial markets**.

PRODUCTS (6/6)

SOLAR PANEL

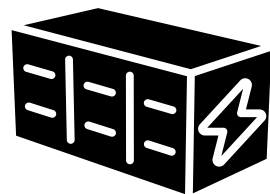
Smarten Power Systems trades high-efficiency **solar panels** designed for long life and reliable performance across residential and commercial applications. Seamlessly integrated with **hybrid inverters and energy storage**, Smarten ensures maximum solar utilization and dependable power.



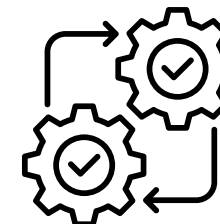
High-efficiency Mono & Poly panels (40 W to 355 W+)



25+ years lifespan, reliable in low light & harsh weather



Used for direct solar consumption, battery storage, AC power & grid feed



Seamless integration with hybrid inverters, PCUs & energy storage systems

Strategic Perspective

Smarten Power Systems strengthens its position as an **integrated energy solutions provider** by offering reliable, scalable solar panels aligned with hybrid inverters and storage systems. This end-to-end approach enables **higher customer value, recurring system sales, and long-term growth** in the solar and backup power market.

PRODUCT SNAPSHOT

Power Backup (Home UPS & Inverters)

Pure Sine Wave Home UPS

- BRAVO Series
- BRAVO ECO Series
- NOVA Series



Solar Inverters (On-Grid)

Single Phase On-Grid Inverters

- STAR Series (1 KW – 6 KW)

Three Phase On-Grid Inverters

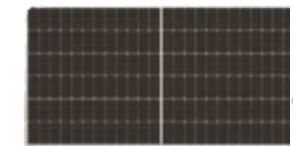
- STAR Series (5 KW – 25 KW)



Solar Panels

Solar Modules

- Monocrystalline Solar Panels
- Polycrystalline Solar Panels



Solar Power Conditioning Units (Solar PCU)

MPPT Solar PCU

- HELIO Series (In-built Lithium Battery)

- SUPERB+ Series

- TRENDY+ Series

PWM Solar PCU

- SAVER+ Series

- SHINE+ Series

- BOOM Series



Hybrid Solar Systems

MPPT Hybrid Solar PCU

- HM Series (4 KVA – 12.5 KVA)

Battery-less Solar Systems

Battery-less Solar PCU

- KRANTI+ Series



Batteries (Energy Storage)

Lead Acid Batteries

- Solar Tall Tubular Battery

- Tubular Battery

- Tall Tubular Battery

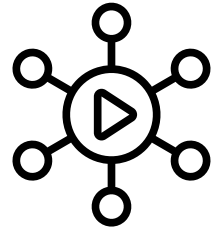
Lithium Batteries

- Lithium-Ion Battery

- Lithium EV Battery

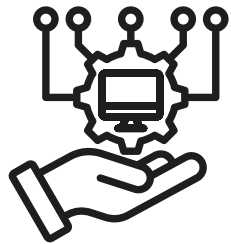


INDUSTRY-LEADING WARRANTY & DISTRIBUTION STRENGTH



Extensive Reach & Distribution

- Operates across 23 states and 2 union territories in India.
- Supported by 380 domestic distributors and 31 international distributors.



Robust Service Infrastructure

- 52 service points nationwide with 87 in-house service engineers.
- Customer complaints handled via dedicated WhatsApp & centralized customer delight centre.
- Immediate acknowledgement and initial troubleshooting ensure fast resolution.



Trusted Product Assurance

- Lead-Acid Batteries. (Boom Tall Tubular & Shine Solar Tall Tubular Series)
- Warranties from 48 to 60 months, demonstrating reliability and confidence.

INFRASTRUCTURE & CAPABILITIES

Invertor Assembly & Warehousing Infrastructure ,Gurugam (Haryana)

- a. Facility 1 (Assembly, R&D, QC, Procurement)
 - 22,500 sq. ft (Rented)
- b. Facility 2 (Sales, Marketing, Accounts, Transformer Assembly):
 - 4,843 sq. ft. (Two-storey, Rented)
- c. Warehouse Facility – Gurugram, Haryana
 - 16,000 sq ft (Rented) Finished Goods Storage & Dispatch

**New Manufacturing Facility (Under Development) – Jhajjar, Haryana, to get operational by March 2026, having a space of 41,903 sq. ft.
Designed to scale production capacity from 600 units/day to 1,200 units/day.**



Battery Manufacturing Plant, Baddi (Himachal Pradesh)

- Land & Building Area: 32,234 sq. ft.
- Battery Manufacturing Capacity: 8,000 units / month

Purchased movable assets of this production line, 'Su-Urja' company's existing operational Plant from the IPO proceeds.



BATTERY MANUFACTURING PROCESS



Raw Material Inspection and Storage



Raw Material Storage



Lead Melting



Plate Casting



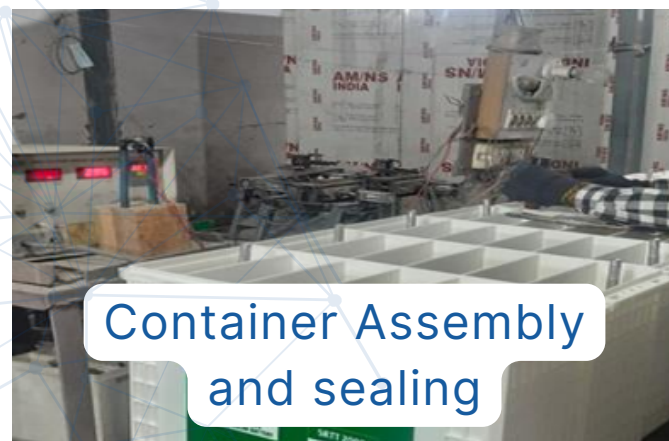
Oxide Pasting



Curing & Drying



Plate Assembly & Welding



Container Assembly and sealing



Leakage test



Electrolyte Filling & Formation Charging



Final Testing, Inspection & Packing

INDUSTRY OPPORTUNITY

Sector	Serviceable Market	Planned Growth by 2032	CAGR Growth
 Inverters	₹28,000 Cr	₹38,000 Cr	4.5%
 Solar Charge Controllers	₹20,700 Cr	₹40,000 Cr	9.8%
 Solar PCU	₹5,000 Cr	₹8,000 Cr	6.9%
 Lead acid batteries	₹20,000 Cr	₹48,000 Cr	13.3%

* Based upon research from Mordor intelligency, Grand View research, Allied Markets Research

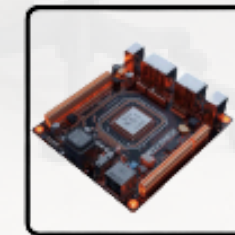
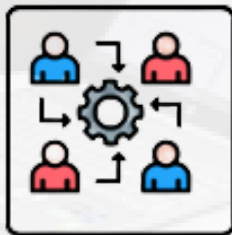
R&D FOCUS

Dedicated 7 Member R&D team of power-electronics specialists focused on power conversion, inverter design and energy-storage systems, supporting innovation in UPS and solar products.

New features and technologies have been implemented by our company that many incumbents have not implemented for a long time.

R&D is closely integrated with the assembling operations; the new Jhajjar plant is being designed to support higher automation & automated testing.

Circuit design, firmware and customized PCB design, are all available in-house, which shortens development timelines.
Transitioning from manual PCB testing to automated PCB testing



COMPANY JOURNEY & MILESTONES

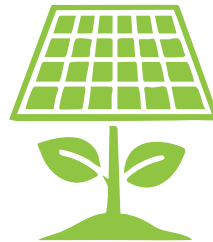
2014

Smarten Power Systems established



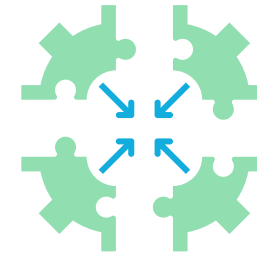
2018

Launched Solar Products - Solar Charge Controllers, Solar Inverters, Solar Power Conditioning Units (PCUs)



2024

Backward Integration - Battery Manufacturing



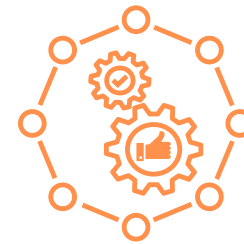
2017

Expanded into international markets



2021

Integrated its 1st full fledged assembling facility



2025

NSE Emerge Listing

Equity shares successfully listed and trading commenced July 14, 2025



GEOGRAPHICAL PRESENCE



- Nigeria
- Nepal
- Bangladesh
- Zimbabwe
- Sudan
- UAE
- Iraq
- Mali
- Burkina Faso
- Jordan
- Myanmar
- Lebanon
- Burundi
- Ukraine
- Qatar
- Democratic Republic of the Congo
- Uganda
- Yemen

Middle East

Africa (Uganda, Zimbabwe)

South Asia (Afghanistan)

Key markets showing strong distributor satisfaction

- Strategic relationships with **31 international distributors**
- **87 in-house service engineers** for efficient issue resolution

LEADERSHIP TEAM



Mr. Tirath Khaira

Whole Time Director

With 21+ years in the Power-Backup and Electronics industry, he has worked with Century Yuasa Batteries Pvt. Ltd, Delta Energy Systems, ICE corporation & Sony precision engineering centre.



Mr. Ravi Dutt

Whole Time Director

He brings us more than 20+ years of experience in the power backup sector and has worked with Su-Kam power systems limited, Delta Power and Integrated Technologies.



Mr. Rajnish Sharma

CEO | Whole Time Director

He has 22+ years of experience in the power-backup sector and has extensively worked with Su-Kam power systems limited.

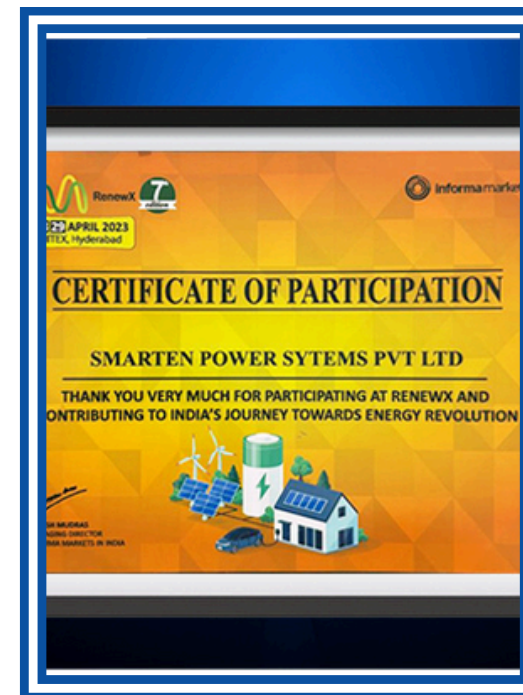


Mr. Arun Bhardwaj

MD | Whole Time Director

He has over 20 years of engineering experience with Su-Kam power systems limited and Krishna Maruti Limited.

CERTIFICATES & RECOGNITION



PROFIT AND LOSS STATEMENT (consolidated)

Particulars (₹Lakhs.)	H1-FY'26	H1-FY'25
Revenue from Operations	11526	10819
Other Income	140.88	91.82
Total Income	11667.19	10911.65
Cost of material consumed	5521.92	4285.92
Purchases of stock in trade	3765.09	4854.77
Change in Inventories	(327.75)	(688.23)
Employee Benefits Expense	816.28	704.21
Finance Costs	63.06	28.46
Depreciation and Amortisations	15.34	20.29
Other expenses	1065.33	919.8
Total Expenses	10923.33	1012.23
Profit Before Tax	744.85	786.42
Tax Amount	156.8	187.08
Profit after Tax	588.05	599.34

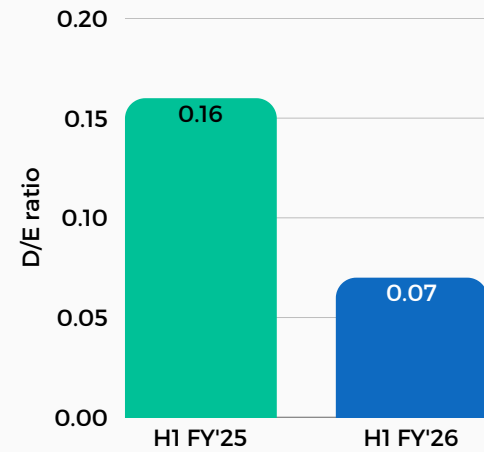
BALANCE SHEET (consolidated)

Particulars (₹Lakhs.)	H1 FY26	H1 FY25
EQUITY AND LIABILITIES		
Funds of shareholder		
(A) Share Capital	1900.08	100
(B) Reserves & Surplus	6171.68	3076.06
Total (A + B)	8071.76	3176.06
Non current liabilities		
(A) Long term borrowings	8.36	76.24
(B) Long-term Provision	133.98	98.11
Total Non Current Liabilities	142.35	174.35
Current liabilities		
(A) Short term borrowings	577.83	434.54
(B) Trade Payables	2078.44	2881.97
(C) Other current liabilities	517.12	673.4
(D) Short term provisions	218.33	396.01
Total current liabilities	3392.6	4385.92
Total Equity and Liabilities	11606.73	7736.33

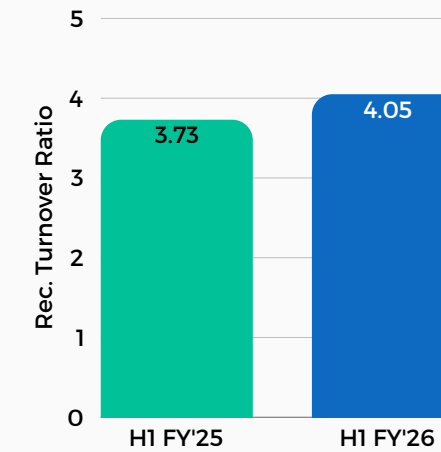
Particulars (₹Lakhs.)	H1 FY26	H1 FY25
ASSETS		
Non current assets		
(A) Property, Plant and Equipment		
- Property Plant and Equipment	444.32	471.97
- Capital work in progress	619.62	127.91
(B) Non current investment	-	-
(C) Deferred Tax Assets	54.24	11.47
(D) Long term loans and advances	1260.49	172.35
Total Non current assets	2378.67	783.7
Current Assets		
(A) Inventories	3722.44	3162.96
(B) Trade Receivables	2799.15	2898.50
(C) Cash and cash equivalents	1131.47	149.26
(D) Short term loans and advances	624.99	227.28
(E) other current assets	949.99	514.63
Total Current Assets	9228.05	6952.63
Total Assets	11606.73	7736.33

PROFITABILITY RATIOS

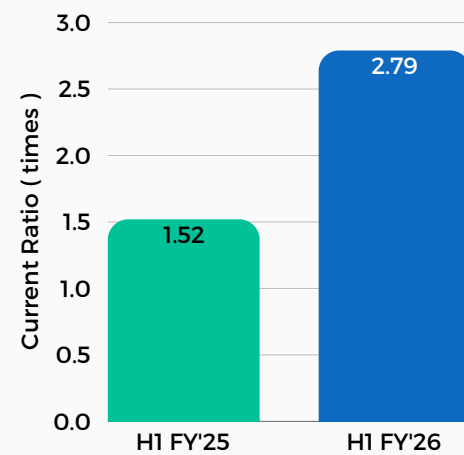
Debt / Equity



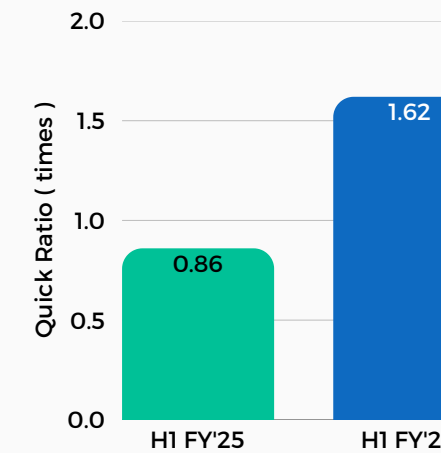
Receivables Turnover



Current Ratio

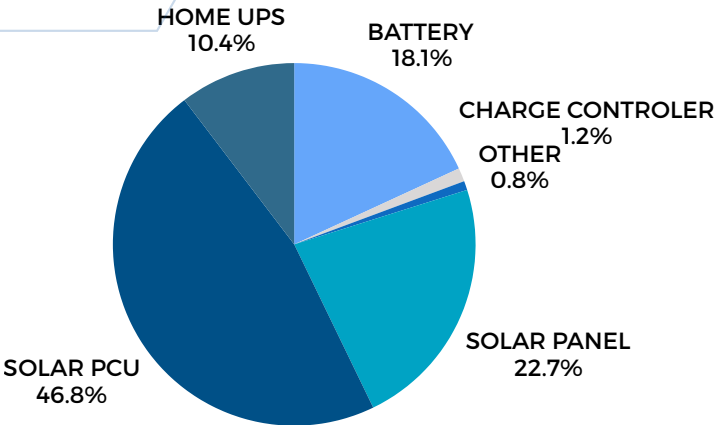


Quick Ratio

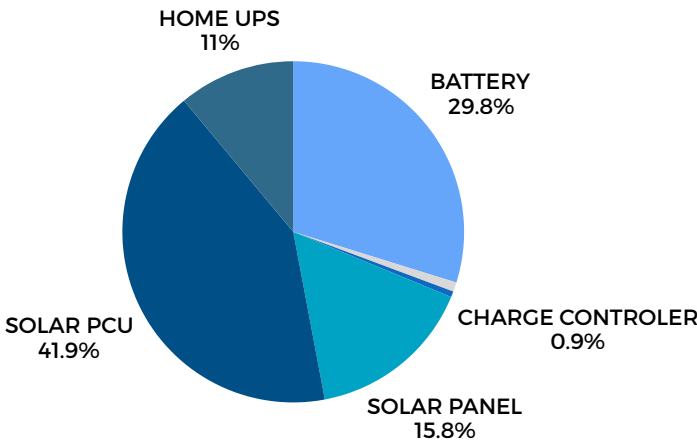


SALES BREAKUP

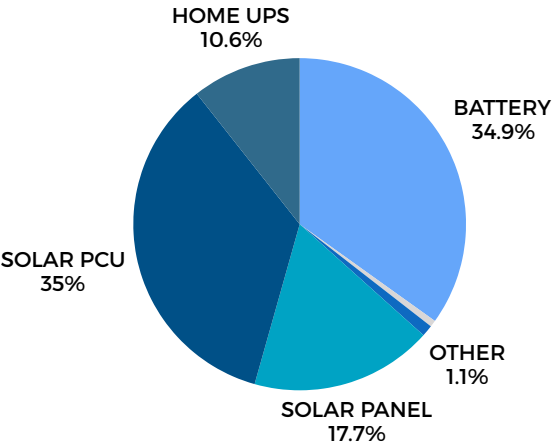
Q1FY25



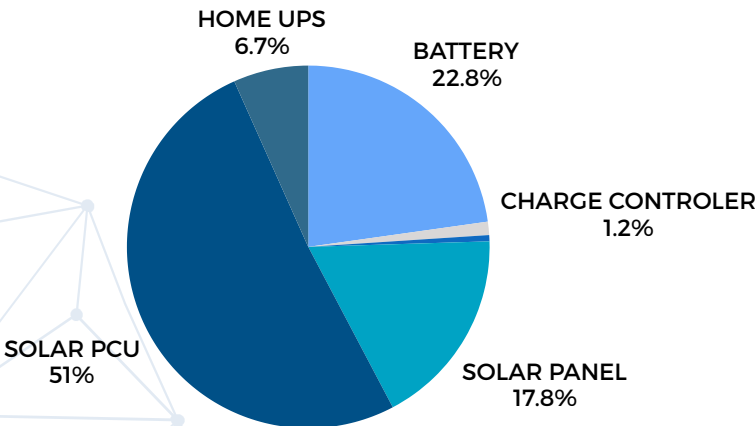
Q2FY25



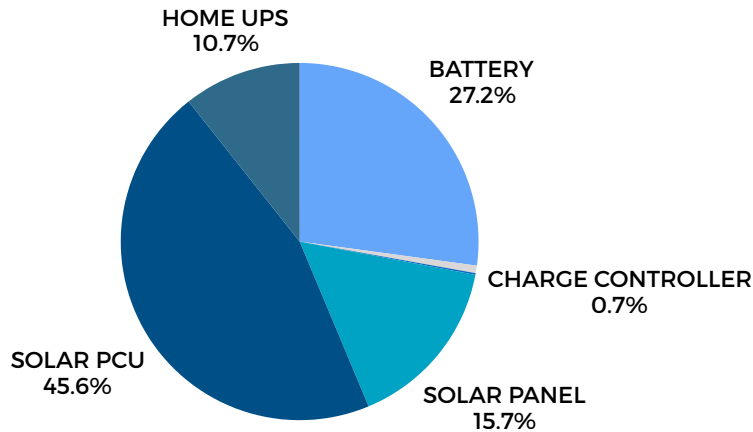
Q3FY25



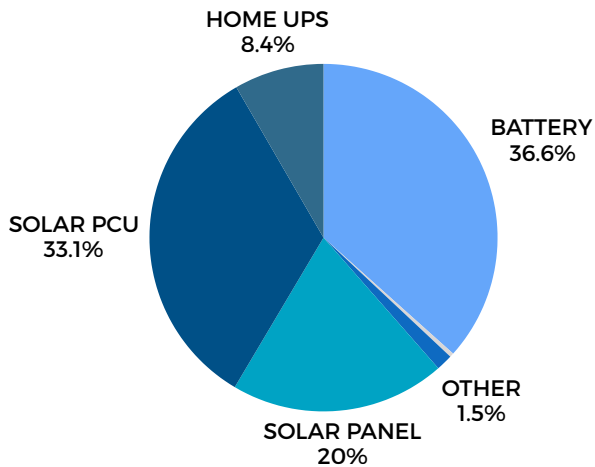
Q1FY26



Q2FY26



Q3FY26



SWOT ANALYSIS

S

- Integrated R&D, assembly & distribution
- 370+ SKUs across power & solar products
- Strong North Indian and global presence
- Experienced promoters

O

- Expanding the solar & renewable product market
- Pan-India and export growth potential
- Tieup with bigger companies
- Substantial margin gains from backward integration

W

- Limited brand reach in South & East
- Reliance on some external vendors
- Smaller scale in comparison to major MNCs

T

- Raw material price volatility
- Rapid tech advancements
- Policy risks

THE 'SMARTEN' CHRONICLE



Times Business Award



National Export Excellent Award - 2025



Middle East Energy Expo



Distributor Meet 2024



Annual Sports Day



REI Expo



Dubai Expo 2022



Rev Expo UP 2025



Team Building Exercises



Sports Day Celebrations

INVESTMENT RATIONALE

CAPACITY EXPANSION

Enhanced capacity at Jhajjhar with double production capacity for inverters, PCUs and other electronics goods



GEOGRAPHICAL EXPANSION

Actively expanding into new markets and optimizing existing campaigns



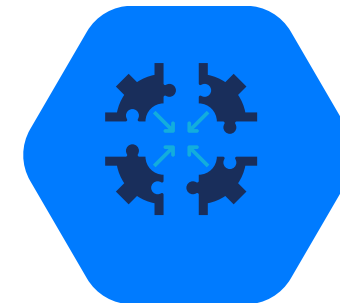
DISTRIBUTION STRENGTH

31 New distributors appointed in H1FY'26



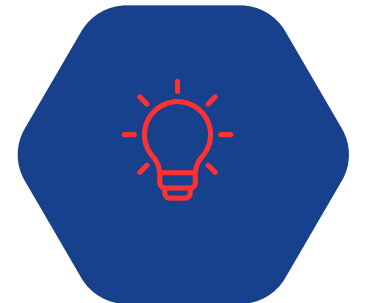
BACKWARD INTEGRATION

In-house Lead Acid Battery Plant and team to give a significant competitive edge and help in margin expansion



R&D EXPERTISE

Specialised team with over a decade of experience in energy storage.



MANAGEMENT COMMENTARY



“We remain highly confident about the long-term growth trajectory of Smarten Power Systems Limited, supported by our strategic investments in backward integration, capacity expansion, and operational excellence.

The Company’s foray into battery manufacturing marks a pivotal step in strengthening its value chain. With the enhanced battery manufacturing capacity at Baddi (8,000 units per month across the 20Ah–250Ah range), SPSL is transitioning from a trading-led model to a manufacturing-driven business, which is expected to improve gross margins, ensure consistent supply, and enhance product quality control.

Looking ahead, our focus remains on scaling capacity, deepening distribution, and delivering sustainable value to all the stakeholders.

We believe these strategic initiatives will place us on a strong footing for consistent and profitable growth”

THANK YOU!!



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