



GRIDSTACK



STACK TODAY. POWER TOMORROW.

Our Commitment to Excellence



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www.gridstack.in

ABOUT GRIDSTACK

**Engineering Intelligent Energy
Solutions for a Sustainable Future**

Gridstack is the Intelligent Energy Solutions Division of **Sunce Renewables**, delivering advanced Solar PV, Battery Energy Storage Systems (BESS), Energy Management Systems (EMS), Power Conversion Systems (PCS), SCADA, and AI-driven digital energy solutions for commercial, industrial, and utility-scale applications.



AJEET MISHRA
FOUNDER & CEO

FROM EXPERIENCE TO IMPACT

2016

Sunce Renewables

Founded by three technocrats to build technology-driven clean energy businesses.

10+ Years

Solar Expertise

Experience in design, engineering, construction and project execution across the solar industry

100+ MW

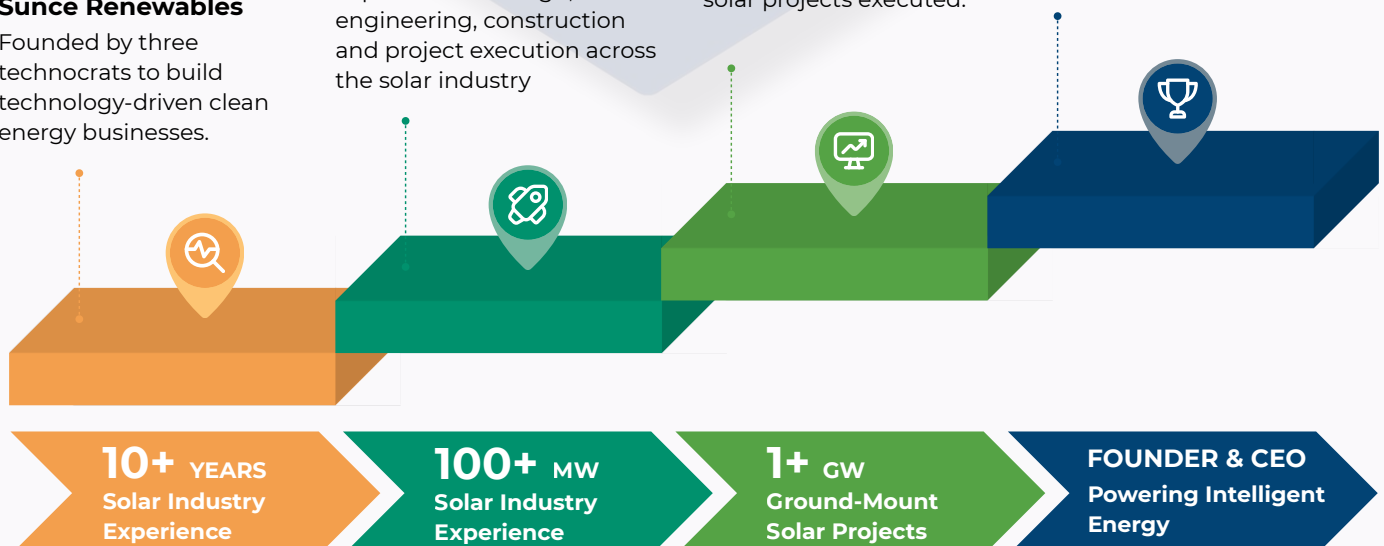
Project Scale

100+ MW of rooftop and 1 GW of ground-mount solar projects executed.



Intelligent Energy Solutions

Delivering integrated Solar RESS, FMS, SCADA & AI-driven digital energy solutions.



OUR VISION. OUR VALUES.

Driving the Future of Intelligent Energy



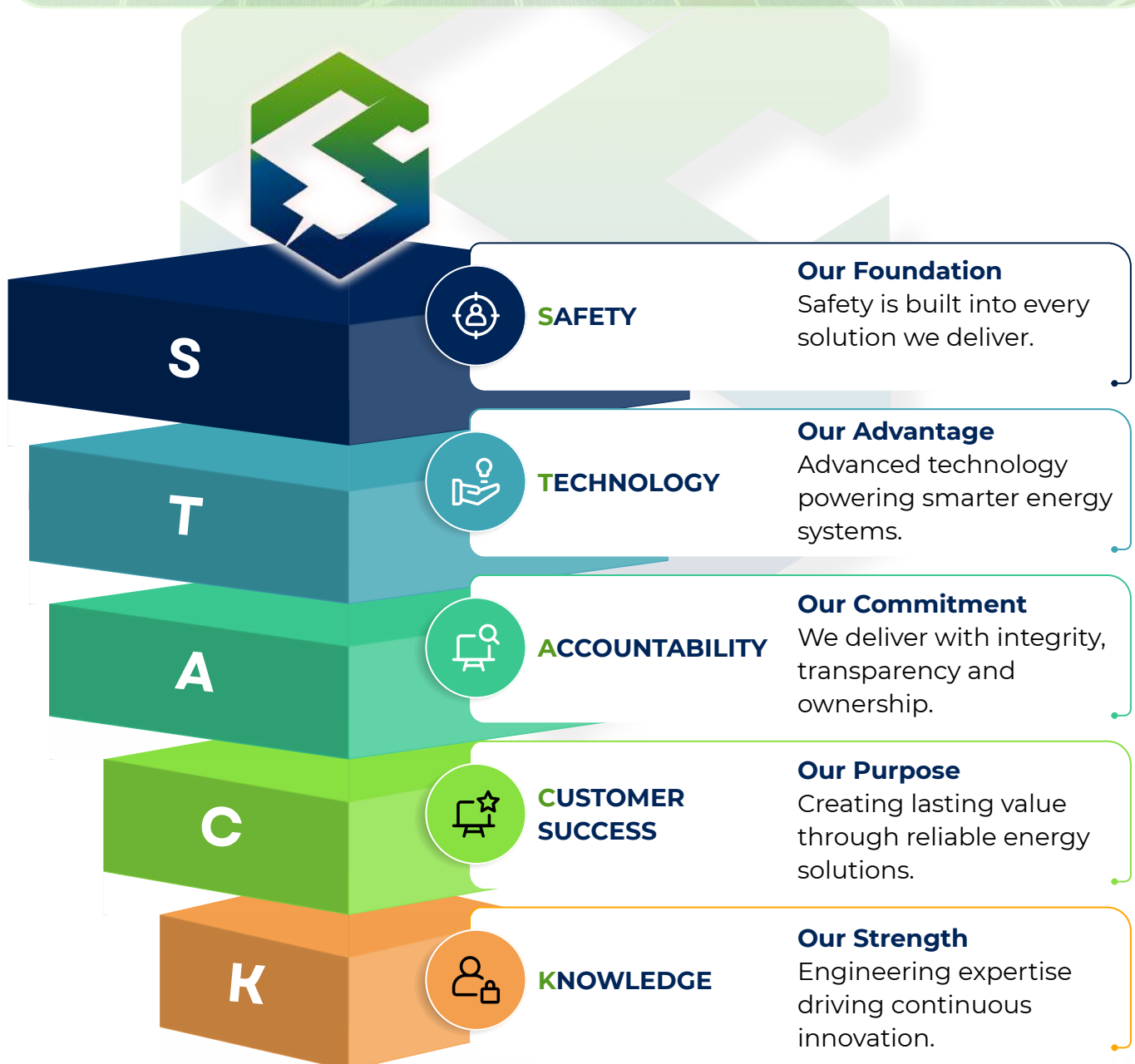
Our Vision

Empowering the world's transition to intelligent and sustainable energy.



Our Mission

To engineer innovative energy solutions that make clean power reliable, intelligent, efficient, and accessible for every business.



WHY GRIDSTACK

Engineering Excellence. Intelligent Solutions. Trusted Partnership.

At **Gridstack**, we combine deep engineering expertise with advanced energy technologies to deliver intelligent, reliable, and future-ready energy solutions tailored to every customer's needs.



Engineering Excellence | 15+ Years of Renewable Energy Expertise

Delivering technically robust and high-performance renewable energy solutions backed by extensive engineering experience.



Battery Expertise | Specialized BESS Knowledge

Comprehensive expertise in battery technologies, energy storage integration, lifecycle management, and system optimization.



Integrated Solutions | Complete Energy Ecosystem

End-to-end integration of Solar PV, BESS, PCS, EMS, SCADA, and AI-powered monitoring into one intelligent platform.



Innovation | Future-Ready Technologies

Leveraging digital intelligence, automation, predictive analytics, and smart energy management to maximize operational efficiency.

OUR SOLUTIONS

Intelligent Energy Solutions for a Smarter Energy Future

Gridstack delivers fully integrated renewable energy solutions by combining advanced power generation, intelligent energy storage, digital automation, and real-time analytics into one seamless ecosystem.



Solar PV Systems

High-efficiency solar power generation designed for commercial, industrial, and utility-scale applications.



Battery Energy Storage Systems

Store excess energy, improve reliability, reduce peak demand, and maximize energy independence.



Power Conversion Systems

Advanced bidirectional power conversion enabling seamless energy flow between solar, battery, grid, and loads.



Energy Management Systems

AI-powered energy optimization with intelligent scheduling, automation, and real-time operational control.



SCADA & Remote Monitoring

24x7 system monitoring, predictive diagnostics, performance analytics, and remote asset management.

FOUR SOLUTIONS. ONE ENERGY ECOSYSTEM.

From commercial to utility scale



01

URJA FLEXIBLE POWER

LiFePO4 Battery + BMS/EMS/PCS + MPPT + Generator Port
Supports PV and Grid charging
48V low-voltage LiFePO4 Battery

OJAS BUSINESS POWER

LiFePO4 Battery + BMS/EMS/PCS + MPPT + Generator Port
Supports multiple units in parallel
On/Off-grid switching time $\leq 10\text{ms}$

02



03

TEJ UTILITY POWER

Supports multiple units in parallel
On/Off-grid switching time $\leq 10\text{ms}$
LiFePO4 Battery + BMS/EMS/PCS + MPPT + Generator Port



04

SHAKTI BUSINESS POWER

Supports multiple units in parallel
On/Off-grid switching time $\leq 10\text{ms}$
LiFePO4 Battery + BMS/EMS/PCS + MPPT + Generator Port



GRIDSTACK URJA

Integrated Solar & Generator Support

48 kWh + 25 kW | 64 kWh + 25 kW



48 / 64 kWh
Battery Energy



25 kW
PCS



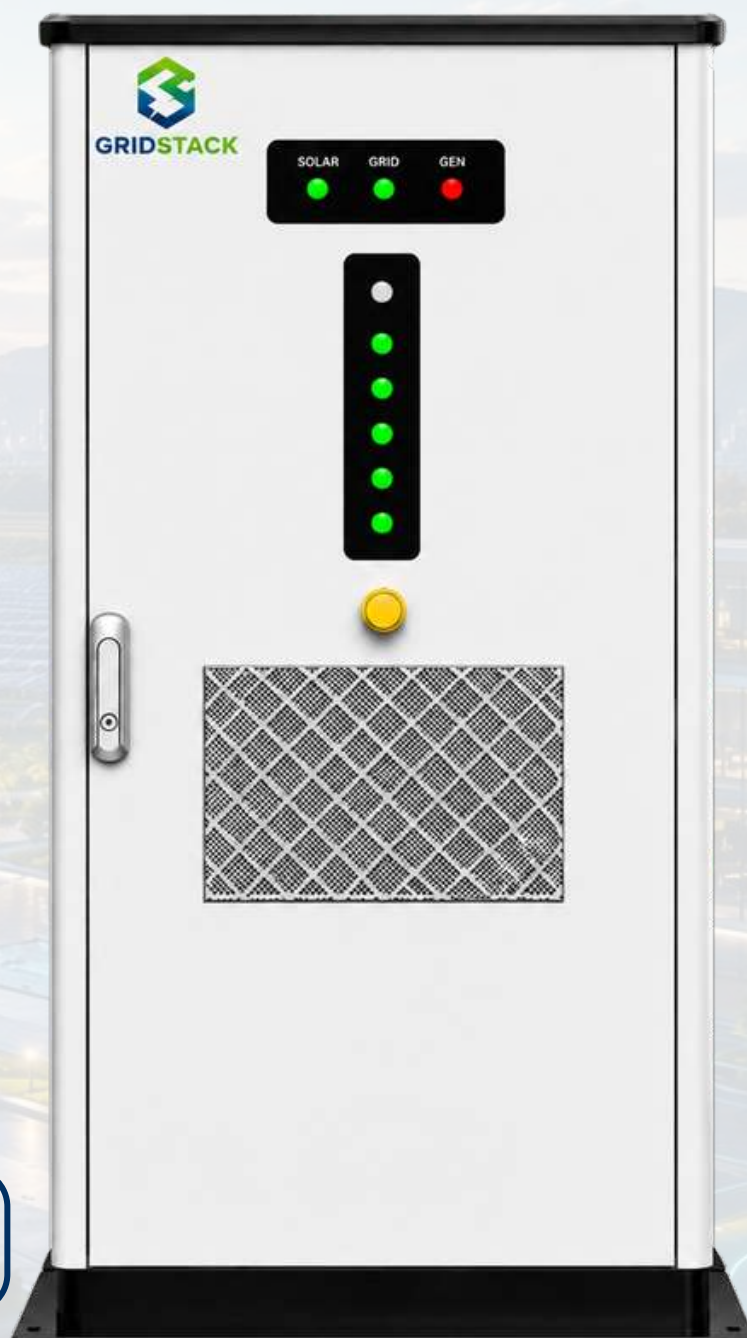
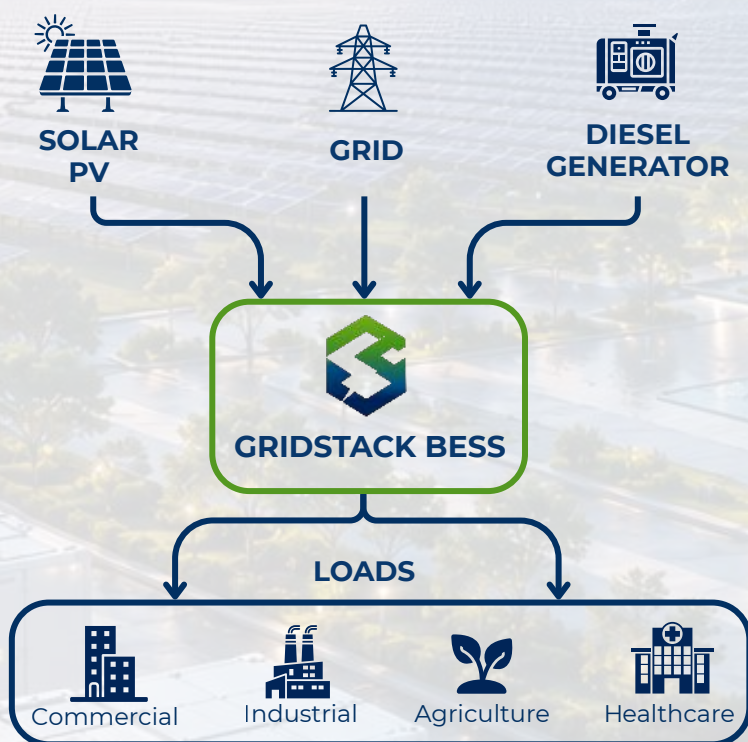
36 kW
MPPT



IP54
Protection

SYSTEM OVERVIEW

Combines solar, battery storage and generator support for reliable and uninterrupted power.



SPECIFICATION	URJA-48-25	URJA-64-25
Battery Energy	48kWh / 51.2V	64kWh / 51.2V
PCS	25kW	25kW
MPPT Power	36kW (6 channels)	36kW (6 channels)
MPPT Voltage Range	90~450Vdc	90~450Vdc
AC VOLTAGE	400VAC/230VAC	400VAC/230VAC
IP Grade	IP54	IP54
Generator	Yes	Yes
Communication	RS485/WiFi	RS485/WiFi
Size (mm)	750*950*1580mm	750*950*1580mm
Weight (kg)	600kg (about)	700kg (about)

GRIDSTACK OJAS

Flexible On-Grid & Off-Grid Energy Storage

52 kWh | 65 kWh | 100 kWh | 120 kWh



52-120 kWh
Battery Energy



25-60 kW
PCS



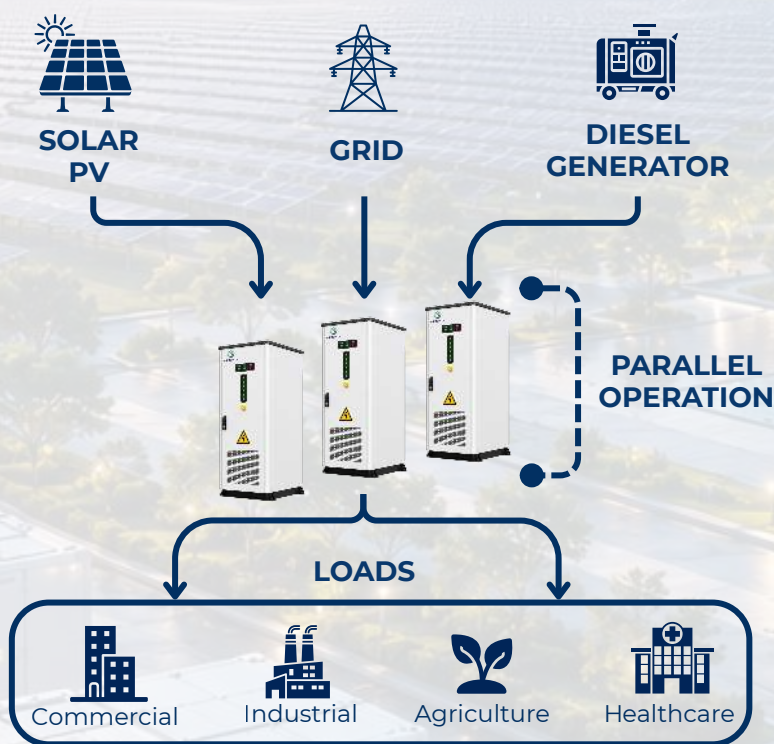
38-75 kW
MPPT



IP54
Protection

SYSTEM OVERVIEW

Combines solar, battery storage and generator support for flexible on-grid and off-grid operation.



SPECIFICATION	OJAS-52-25	OJAS-65-30	OJAS-100-50	OJAS-120-60
Battery Energy	52kWh	65kWh	100kWh	120kWh
PCS	25kW	30kW	50kW	60kW
MPPT Power	38kW (2 channels)	38kW (2 channels)	75kW (2 channels)	75kW (2 channels)
MPPT Voltage Range	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc
AC VOLTAGE	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC
IP Grade	IP54	IP54	IP54	IP54
Generator	Yes	Yes	Yes	Yes
Size (mm)	665*950*2100mm	665*950*2100mm	740*1348*2280mm	740*1348*2280mm
Weight (kg)	900kg (about)	1000kg (about)	1200kg (about)	1320kg (about)

GRIDSTACK TEJ

Advanced Thermal Management

140 kWh | 160 kWh | 201 kWh | 156 kWh LC | 209 kWh LC | 261 kWh LC



140–261 kWh
Battery Energy



60-125 kW
PCS



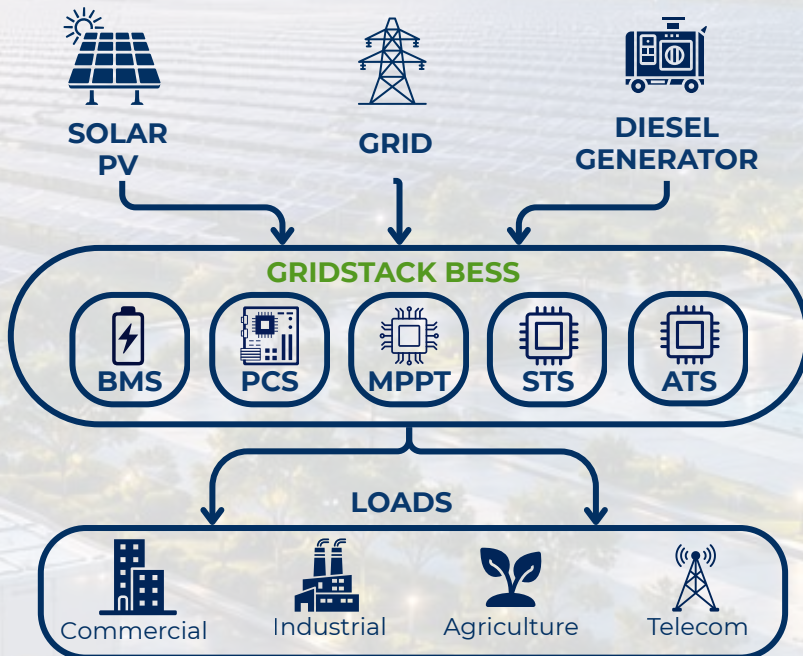
75 kW
MPPT



IP54 / IP65
Protection

SYSTEM OVERVIEW

Reliable backup, peak shaving, and energy cost optimization for commercial and industrial facilities.

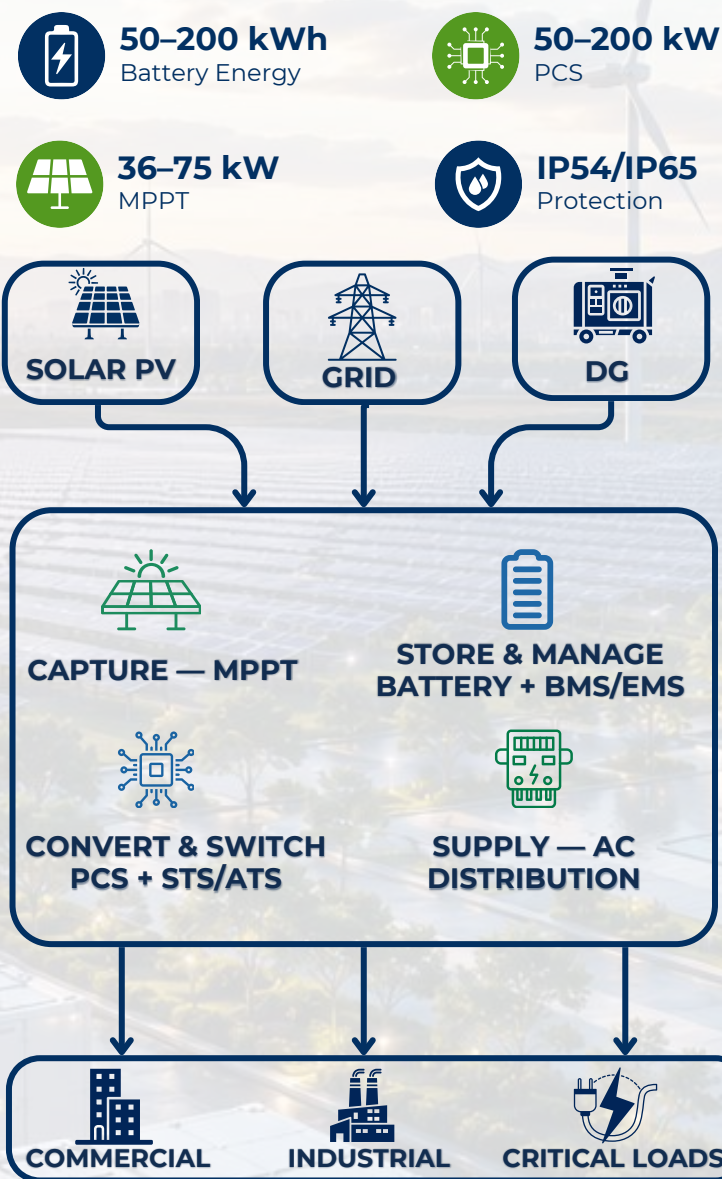


SPECIFICATION	TEJ-140-60	TEJ-160-60	TEJ-201-60	TEJ-156-60-L	TEJ-209-60-L	TEJ-261-125
Battery Energy	140kWh	160kWh	201kWh	156kWh	209kWh	261.248kWh
PCS	60kW	60kW	60kW	60kW	60kW	125kW
MPPT Power	75kW (2 channels)	75kW (2 channels)	75kW (2 channels)	75kW (2 channels)	75kW (2 channels)	-
MPPT Voltage Range	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc	200~800Vdc	-
AC VOLTAGE	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC
IP Grade	IP54	IP54	IP54	IP65 (Battery)	IP65 (Battery)	IP55
Generator	Yes	Yes	Yes	Yes	Yes	
Size (mm)	1200*1300*1800	1200*1300*1800	1800*1250*2050	1000*1350*2080	1000*1350*2080	980*1330*2251.5
Weight (kg)	1700kg (about)	1900kg (about)	2000kg (about)	1700kg (about)	2100kg (about)	2500kg (about)

GRIDSTACK SHAKTI

Full-Capacity Energy Storage

50 kWh | 100 kWh | 150 kWh | 200 kWh



SPECIFICATION	SHAKTI-50-50	SHAKTI-100-100	SHAKTI-150-150	SHAKTI-200-200
Battery Energy	50kWh / 51.2V	100kWh	150kWh	200kWh
PCS	50kW	100kW	150kW	200kW
MPPT Power	36kW (6 channels)	75kW (2 channels)	75kW (2 channels)	75kW (2 channels)
MPPT Voltage Range	90~450Vdc	200~800Vdc	200~800Vdc	200~800Vdc
AC VOLTAGE	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC	400VAC/230VAC
IP Grade	IP54	IP54	IP54	IP65 (Battery)
Generator	Yes	Yes	Yes	Yes
Size (mm)	750*950*1580mm	740*1348*2280mm	1200*1300*1800	1000*1350*2080
Weight (kg)	600kg (about)	1200kg (about)	1700kg (about)	2100kg (about)

FLEXIBLE COMMERCIAL MODELS

One Solution. Three Flexible Ways to Invest.



Own Your Energy

- Full Ownership
- High ROI
- Tax Benefits
- Long-Term Savings

CAPEX



Zero Upfront Cost

- ₹0 Investment
- Instant Savings
- Fixed Energy Cost
- No O&M Hassle

OPEX



Flexible Ownership

- Low Down Payment
- Easy EMI
- Immediate Savings
- Asset Ownership

EMI



WHY INVEST IN ENERGY STORAGE?

Maximize Savings. Enhance Reliability. Power Sustainable Growth.

01

Lower Energy Costs

Reduce peak demand charges and optimize electricity consumption.

02

Reliable Power

Ensure uninterrupted operations during grid outages.

03

Maximize Solar Usage

Store excess solar energy for use whenever needed.

04

Better ROI

Increase returns through intelligent energy optimization.

05

Sustainable Operations

Lower carbon emissions and support ESG goals.

06

Smart Energy Control

Monitor and manage energy in real time with AI-driven insights.

Smarter Energy. Lower Costs. Greater Reliability.

OUR PROJECT EXECUTION PROCESS

From Concept to Commissioning

A structured, engineering-driven approach ensures every project is delivered safely, efficiently, and to the highest quality standards.



01

Site Assessment

Evaluate energy requirements and site conditions

05

Installation

Professional and safe project execution

02

System Design

Develop a customized and optimized solution

06

Testing

Comprehensive performance and safety validation

03

Engineering

Detailed electrical and mechanical engineering

07

Commissioning

System handover with operational verification

04

Procurement

Source high-quality, certified equipment

08

Operations & Maintenance

Continuous monitoring and lifecycle support

ENGINEER
EXECUTE
EXCEL



TECHNOLOGY & CAPABILITIES

Intelligent Technology. Proven Performance

01

Smart Energy Management

AI-powered monitoring and intelligent energy optimization.

04

SCADA Integration

Centralized monitoring and remote system control.

02

Advanced Battery Systems

Safe, scalable, and high-performance energy storage.

05

Safety & Protection

Multi-layer electrical protection and compliance.

03

Real-Time Analytics

Live performance insights and actionable reporting.

06

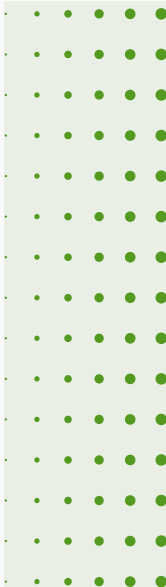
Scalable Architecture

Solutions designed to grow with your energy needs.

Intelligent. Reliable. Scalable.

QUALITY & COMPLIANCE

Built to Global Standards



01



Quality Assurance

Rigorous testing at every stage

02



Standards Compliance

Designed to meet industry regulations

03



Electrical Safety

Advanced protection for people and assets

04



Performance Testing

Verified for reliability and efficiency

05



Sustainable Engineering

Solutions built for a greener future

06



Lifecycle Support

Dedicated technical support beyond commissioning

Quality. Safety. Reliability.



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LET'S POWER THE FUTURE



CONTACT US



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