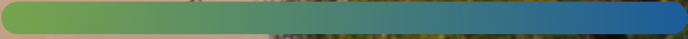


ENERGY STORAGE PRODUCTS BROCHURE SERVING THE WORLD

- Home Energy Storage Battery
- Integrated Battery with Inverter
- Wall mounted energy storage
- High Voltage Energy Storage
- Industrial Energy Storage
- LiFeP04 Battery
- Solar Light and Security Trailers
- Solar Generators
- Solar Traffic Control



A horizontal bar with a green-to-blue gradient, positioned above the "ABOUT US" heading.

ABOUT US

Integrity Innovative Technologies is built on a foundation of trust, ethical business practices, and long term partnerships. Backed by experienced global professionals, we bring deep industry knowledge and a strong commitment to excellence in everything we do. We specialize in delivering innovative, reliable, and future-ready technology solutions, guided by transparency and integrity at every stage. Our focus is on creating lasting value for our customers by consistently delivering high-performance solutions that not only meet but exceed expectations, while fostering relationships built on confidence, accountability, and mutual success.

Vision Statement

To be a global leader in sustainable energy and technology solutions, enabling a cleaner, greener, and more reliable future for generations to come.

We envision a world where advanced technology, ethical practices, and renewable energy work together to power communities, industries, and infrastructure with minimal environmental impact.

Mission

Our mission is to design, deliver, and deploy innovative, reliable, and sustainable energy solutions that reduce dependence on fossil fuels while creating long-term value for our customers and the planet.

We are committed to:

- Ethical and transparent business practices
- Delivering high-quality, future-ready technologies
- Supporting global sustainability goals
- Providing reliable power solutions even in the most remote locations

15kWh/16kWh-Battery
VERTICAL TYPE

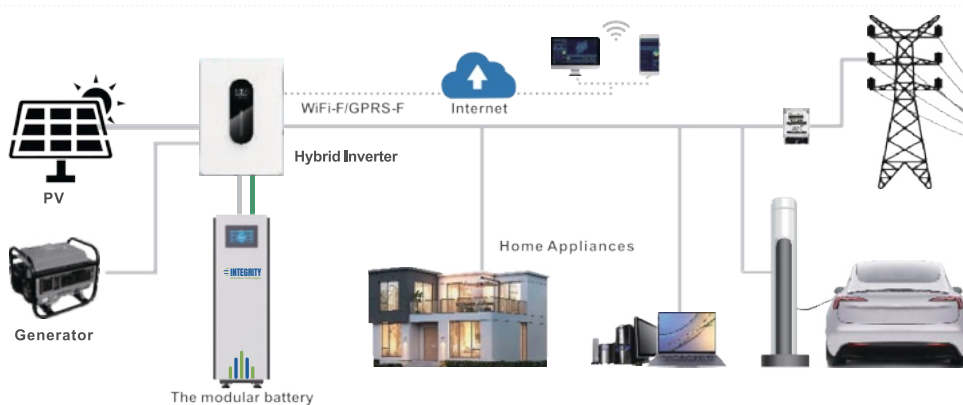
BATTERY FEATURES



PORT



- kWh** Rated Energy capacity: 16kWh
-  Rated voltage: 51.2V
-  Max. charging voltage: 57.6V
-  Max. charge & discharging current: 200A
-  Peak charge & charging current: 220A(3S)
-  Breaker Current: 240A
-  Weight: 130Kg/140Kg
-  Screen: 7.5" (Touch Screen)
-  Dimensions: 1190*390*238mm
-  Lithium Battery Standard: UN38.3/MSDS/DGM/CE



16kWh/10kW Inverter and Storage
battery all in one
STANDING VERTICAL

BATTERY FEATURES



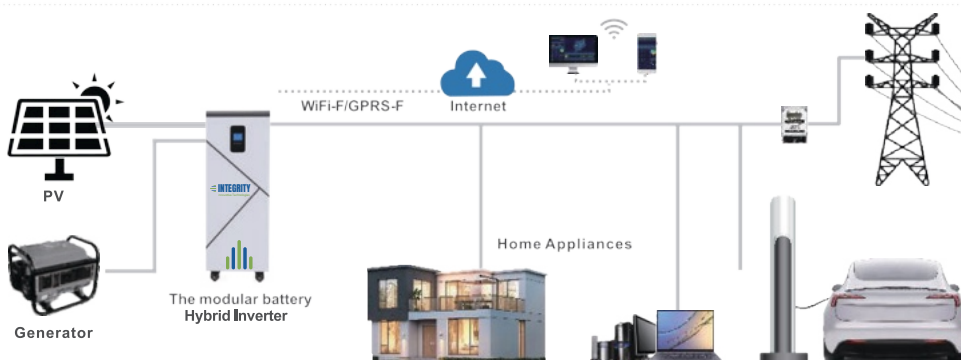
PORT

BATTERY PARAMETERS

- kWh** Rated Energy capacity: 16kWh
-  Rated voltage: 51.2V
-  Max. charge & discharging current: 200A
-  Number of cycles: ≥ 6000
-  Weight: 160Kg
-  Dimensions: 1190*390*238mm

INVERTER PARAMETERS

-  Maximum Input power 11000W
-  Maximum Input Voltage 450V
-  Rated output power 10000W
-  Nominal output frequency 50/60Hz



16kWh/10kW Inverter and Storage battery all in one
STANDING VERTICAL

BATTERY FEATURES



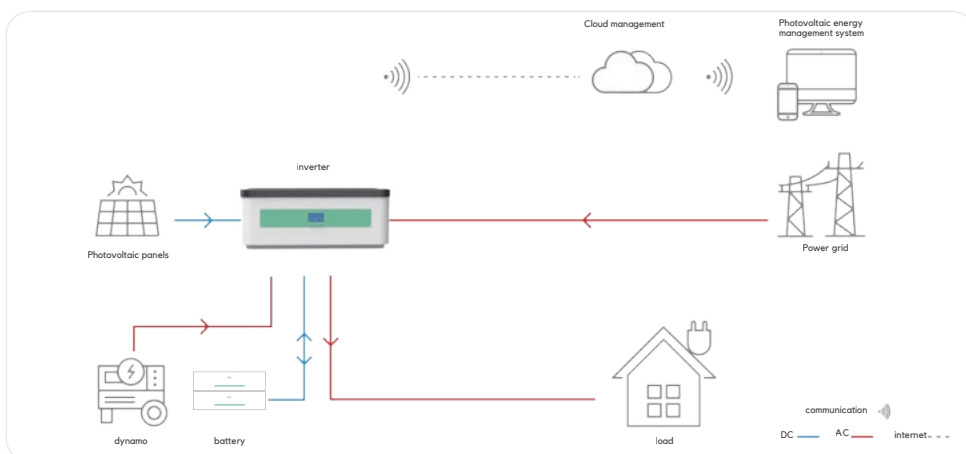
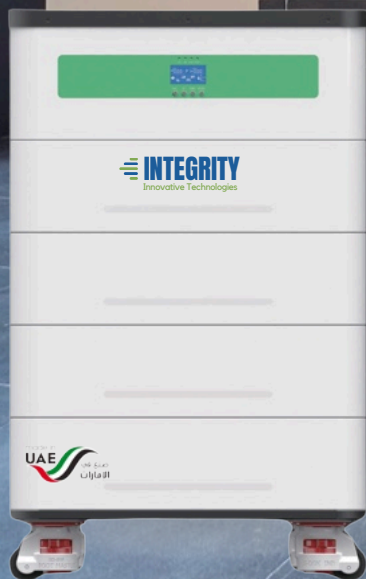
PORT



	SES-10	SES-15	SES-20
kWh	10kWh	15kWh	20kWh
kg	80kg	140kg	240kg
	51.2VDC/200A	51.2VDC/300A	51.2VDC/400A
	610x440x665mm	610x440x825mm	610x440x925mm

INVERTER PARAMETERS

-  Maximum Input power 5500W
-  Maximum Input Voltage 450V
-  Rated output power 5000W
-  Nominal output frequency 50/60Hz



15kWh/16kWh-Battery
Wall Mounted IWALL10



PORT



kWh Rated Energy capacity: 10240Wh



Rated voltage: 51.2V



Rated current :200A



Voltage cut-off: 40V



Number of cycles:≥6000 at 25°C



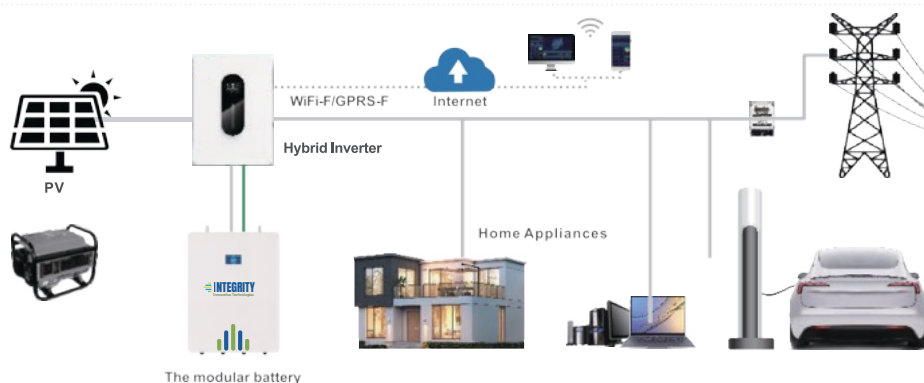
Weight:83Kg



Dimensions:725*550*162mm



Storage temperature:10°C~60°C



5kWh-Battery Wall Mounted IWALL5



PORT



kWh Rated Energy capacity: 5120Wh



Rated voltage: 51.2V



Rated current :100A



Voltage cut-off: 40V



Number of cycles:≥8000



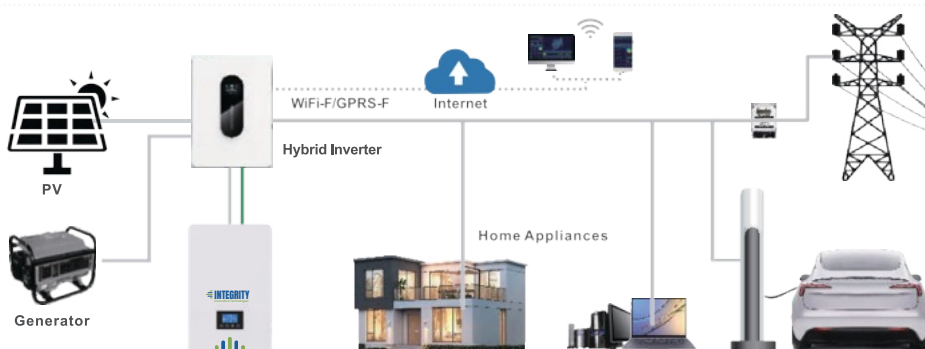
Weight:48Kg



Dimensions:590*380*145±2mm



Storage temperature:10°C~60°C



The modular battery

5kWh-Battery
RACK MOUNTED RAC5



PORT



kWh Rated energy 5120Wh



Rated voltage: 51.2V



Rated current :100A



Voltage cut-off: 40V



Number of cycles:≥6000 at 25°C



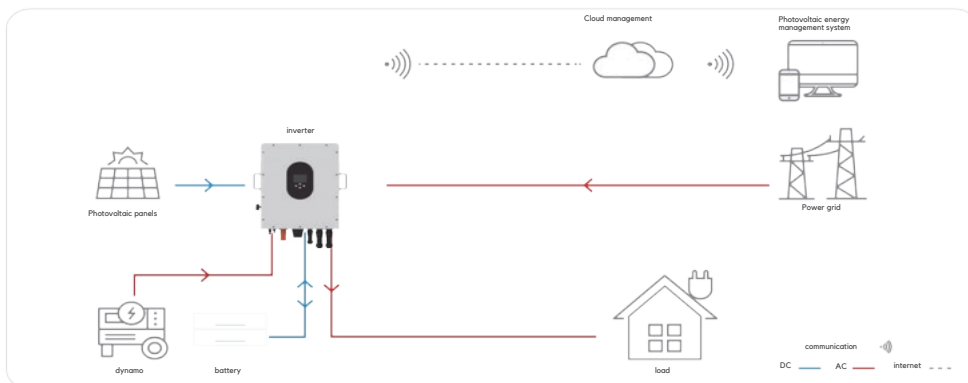
Weight:48Kg



Dimensions:440*480*133mm



Storage temperature:10°C~60°C





PORT



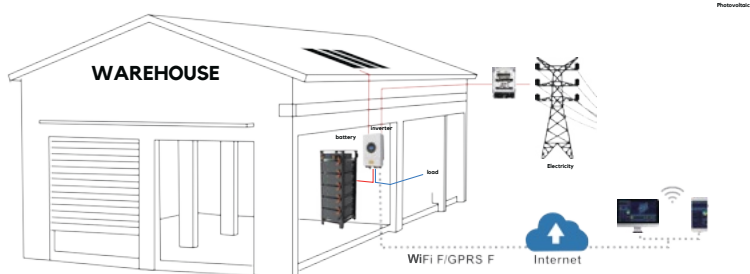
614.4V/61.44KWh Battery

High capacity retention: After multiple cycles, the battery capacity can still be maintained. For example, after 3000 cycles, the capacity can generally be maintained at more than 80%.



256V/80.38kWh Battery

Low internal resistance, high discharge rate and stable discharge platform.



160.77kWh-Battery
HIGH VOLTAGE ENERGY

RESIDENTIAL ENERGY
STORAGE SYSTEMS



- kWh** Rated Energy capacity: 160.77kWh
-  Rated voltage: 512V
-  Max. charging voltage: 57.6V
-  Max. charge & discharging current: 200A
-  Peak charge & charging current: 210A(3S)
-  Breaker Current: 240A
-  Weight: 1150Kg
-  Life cycle (25°C): 4000 Cycles (10 Years)
-  Dimensions: 1023*700*1555±5mm
-  Lithium Battery Standard: UN38.3/MSDS/DGM/CE

96.46kWh-Battery
HIGH VOLTAGE ENERGY

RESIDENTIAL ENERGY
STORAGE SYSTEMS



- kWh** Rated Energy capacity: 96.46kWh
-  Rated voltage: 307V
-  Max. charging voltage: 350.4 V
-  Max. charge & discharging current: 200A
-  Peak charge & charging current: 210A(3S)
-  Breaker Current: 250A
-  Weight: 1000Kg
-  Life cycle (25°C): 4000 Cycles (10 Years)
-  Dimensions: 1400*1065*1950mm
-  Lithium battery compliance: UN38.3, MSDS, DGM, CE IP rating: IP54

209kWh-Battery
HIGH VOLTAGE ENERGY

RESIDENTIAL ENERGY
STORAGE SYSTEMS



- kWh** Rated Energy capacity:209kWh
-  Rated voltage: 665.6V
-  Max. charging voltage:759.2 V
-  Max. charge & discharging current:200A
-  Peak charge & charging current:210A(3S)
-  Breaker Current:250A
-  Weight:1800Kg
-  Life cycle (25°C):4000 Cycles (10 Years)
-  Dimensions:1830*1165*2000mm
-  Lithium battery compliance: UN38.3、MSDS、 DGM、 CE IP rating:IP54



COMMERCIAL AND INDUSTRIAL ENERGY STORAGE Integrated Cabinet - 215KWh

01 High yield system

This system is designed for two charging and two discharging logic

03 Active safety systems

Zoned security isolation, multi-level active security to ensure controlled firefighting

05 Passive equalisation BMS

Adopts passive equalisation technology to extend battery life

02 EMS Cloud Platform

Remote visual control, all-day convenient operation and maintenance; power outage can automatically enter off-grid mode to ensure emergency power supply.

04 Long-life battery cells

Integrated high-quality, high-cycle LFP cells with >8000 cycles

06 All-in-one integrated design

Highly integrated and easy to install, flexible deployment without occupying space

COMMERCIAL AND INDUSTRIAL ENERGY STORAGE CABINET, SUPPORT MULTIPLE APPLICATION MODES

1. New Power Plant Support

Supports power fluctuations from solar or wind power plants by providing stable voltage with no disruptions.

2. Standby emergency power supply

Emergency power for hospitals, factories and facilities that require continuous power supply in case of power interruption.

3. Microgrid systems

1. Reliable source of power for microgrids to support island mode power operations.



SOLUTION FEATURES

This solution is designed as a 20-foot standard container energy storage system with a built-in 0.5MW/1.2MWh/0.42MWP lithium-ion battery storage system.

This system can provide power for peak shaving or emergency power for grid stability. The ON-DEMAND power container can operate in conjunction with diesel or gas generator to optimize power utilization and provide power for peak loads.

Lithium Iron Phosphate

Deep Cycle Battery





INTEGRATED MOBILE SOLAR & SURVEILLANCE SOLUTIONS

Integrity Innovative Technologies delivers advanced mobile solar powered lighting, surveillance, and energy systems designed for reliable performance in off-grid and demanding environments. Our solutions combine smart monitoring, efficient power generation, and robust mobility to support industries such as construction, mining, and infrastructure.

ISLT 400/600/1000

- The mast can be raised or lowered in a stepless manner and rotated horizontally and vertically via fully electric control.
- The mast can be extended to 9m high.
- Level II wind resistance.



GUARDIAN

- HD dome camera supports 360° horizontal rotation.
- 24-hour real-time monitoring.
- Identify potential safety hazards, preventing accidents.
- Ultra-long endurance, charging 4.6 hour and using 32 hours.



IGUARD

- HD dome camera supports 340° horizontal rotation.
- 24-hour real-time monitoring.
- Identify potential safety hazards, preventing accidents.
- Ultra-long endurance, charging 10 hour and using 117 hours.



IGEN 20/30/40

- Solar energy
- Emergency electricity
- Intelligence
- Multiple voltages





Mobile PV-BESS

Fully Automated Station

(Off-Grid Solution)



Military Application



Industrial Areas



Agriculture



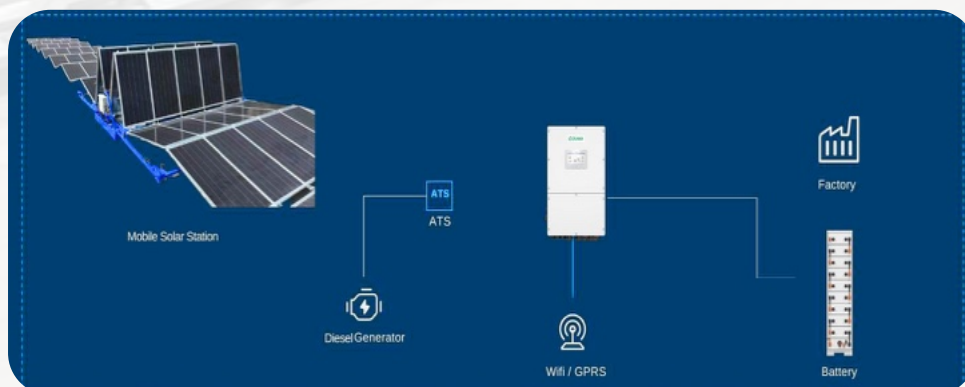
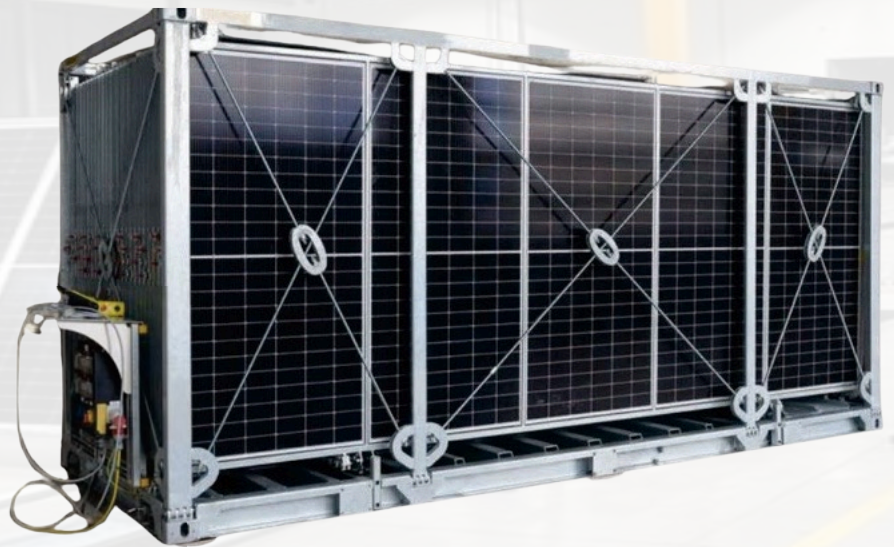
Mining Sites



Construction and



Disasters



7kW UPTO 320kW AC & DC Charger



- 7kW to 320kW AC & DC Charging Power with Type 2 socket for efficient and reliable EV charging



- Advanced Safety Protection including over/under voltage, overcurrent, short circuit, leakage, and surge protection



- Smart Connectivity with RFID access and optional OCPP, WiFi, Ethernet, and 3G/4G support



- Durable Outdoor Design with IP54 waterproof and IK08 impact protection, built in galvanized steel



- Flexible Installation (wall-mounted or pole-mounted) with compact size and easy setup

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At Integrity Innovative Technologies, we are committed to delivering smart, reliable, and eco-friendly energy solutions tailored to your needs. Whether you're looking for mobile solar systems, intelligent surveillance, or off-grid power solutions, our team is here to support you. Get in touch with us today to explore how we can help you achieve efficient, sustainable, and future-ready energy solutions.

Contact Us

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