

Joint

@ Sustainable Energy

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ABOUT US

Founded in 2015, Joint Tech has quickly become a national leader in sustainable energy innovation. As a high-tech manufacturer, we specialize in providing both ODM and OEM solutions, offering a wide range of cutting-edge products including EV chargers, energy storage systems, and smart poles. With over 150,000 units deployed in more than 60 countries, we proudly deliver world-class products designed to meet the growing demands of green energy.

Our team of 200+ professionals includes over 45% engineers, whose expertise spans hardware, software, mechanical, and electrical design and testing. Joint Tech's dedication to innovation is reflected in our portfolio of over 150 patents.

We provide flexible shipping options from China, Malaysia, Vietnam, and the U.S., ensuring seamless global logistics. Quality is at the core of everything we do. As the first Satellite Lab of Intertek and SGS, we utilize state-of-the-art testing equipment to maintain stringent quality standards.

Our certifications include ETL, Energy Star, FCC, CE, CB, UKCA, and TR25, along with ISO14001, ISO45001, IATF16949, Sedex, and an EcoVadis Silver Award, are a testament to our unwavering commitment to excellence. Our mission is to create eco-friendly, tailored solutions that empower our global partners to achieve their sustainability goals.

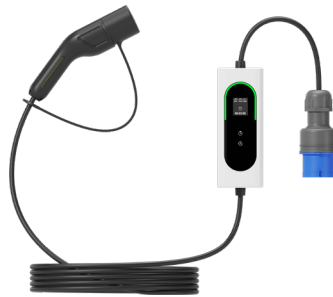


 **150+**
Certifications & Patents

 **200+**
Total Employees

 **3**
R & D Centers

FAMILY TREE-EU AC CHARGER



AC Charger (Socket)

AC Charger (Cable)

FAMILY TREE-EU DC CHARGER / ESCS SERIES



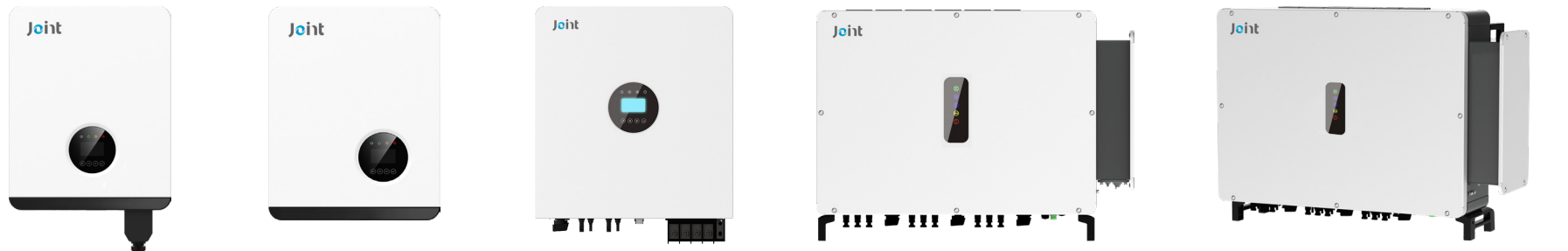
DC Charger

FAMILY TREE-EU RG SERIES / R-ESS SERIES



FAMILY TREE-EU

INVG SERIES / ESS SERIES / ACS SERIES



INVG Series



ESS Series

ACS Series

EV CHARGER



Residential

JOINT | AC CHARGER

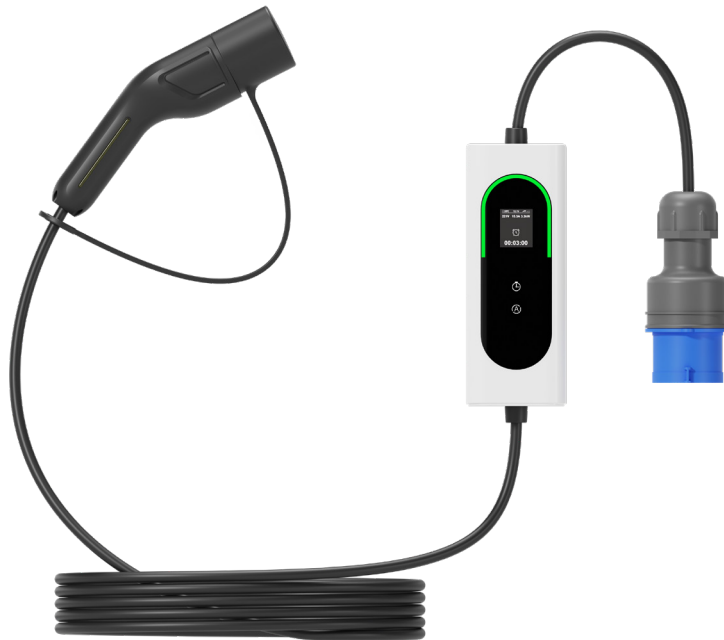
EVB08

DIMENSIONS

WIDTH: 90mm

HEIGHT: 235mm

DEPTH: 65mm



REAL - TIME STATUS AT A GLANCE

- Stay informed with intuitive LED indicators that show the charger's current working state instantly.

CUSTOMIZABLE POWER OUTPUT

- Select from 8 current levels (6A, 8A, 10A, 13A, 16A, 20A, 24A, 32A) to match your vehicle and charging environment - maximizing safety and efficiency.

FLEXIBLE SCHEDULING OPTIONS

- Set charging duration or delay start time to take advantage of off - peak electricity rates or match your daily routine

APPLICATIONS



Residential



Key features and benefits

Residential

JOINT | AC CHARGER

EVL008

DIMENSIONS

WIDTH: 208mm

HEIGHT: 297mm

DEPTH: 101mm

WEIGHT

Net weight: 4.9kg

Gross Weight: 6.25kg

CONNECTIVITY

Bluetooth

Wi-Fi

Ethernet

4G (Optional)



UNIVERSAL COMPATIBILITY & FLEXIBLE POWER

- Automatically adapts to any EV, current setup, and grid type, with support for load balancing and three-phase charging up to 22kW

COMPACT, TOUGH & WEATHERPROOF

- IF Red Dot Award series design, with IP65/IK10 protection rating, built-in grounding function and leakage protection device, and able to withstand harsh outdoor environments.

DUAL-USE WITH OCPP & APP CONTROL

- Supports both OCPP 1.6J and 2.0.1 for platform integration, while also offering an app mode with scheduled charging and current adjustment—ideal for both operators and home users.

SMART AND SAFE HOME CHARGING

- Features dynamic load balancing (CT clamp/CT box) and built-in protections including overcurrent, residual current, surge, over/undervoltage, and overtemperature—ensuring safe, efficient charging without stressing your home's electrical system.

APPLICATIONS



Residential



Key features and benefits

Commercial

JOINT | AC CHARGER EVM008



DIMENSIONS

WIDTH: 276mm

HEIGHT: 451mm

DEPTH: 163mm

CONNECTIVITY

Bluetooth

Wi-Fi

Ethernet

4G (Optional)



VERSATILE POWER & INSTALLATION OPTIONS

- Available in socket or cable versions with 7kW / 11kW / 22kW output. Compatible with both single-phase and three-phase power systems—ideal for various commercial scenarios.

SMART PLATFORM INTEGRATION & AUTHENTICATION

- Supports OCPP 1.6J & 2.0.1 for backend connectivity, with optional ISO 15118 (Plug & Charge). Offers flexible authentication via RFID or QR code scanning.

BUILT FOR ACCURACY, SAFETY & EASY MAINTENANCE

- Optional MID-certified energy meter ensures precise billing. Integrated optional circuit breaker simplifies post-installation maintenance and improves electrical safety.

INTUITIVE USER INTERFACE & EASY CONFIGURATION

- Features a 4.3" touchscreen with ambient light sensor for optimal visibility. Quick setup via web or PC-based configuration tools enables fast deployment and diagnostics.

APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators

Key features and benefits

Commercial

JOINT | AC CHARGER

EVM007



DUAL-PORT DESIGN WITH FLEXIBLE POWER OPTIONS

- Available in both cable and socket versions, with dual ports supporting 7kW / 11kW / 22kW output. Compatible with single- and three-phase systems for maximum deployment flexibility.

SMART CONNECTIVITY & INTEROPERABILITY

- Supports OCPP 1.6J & 2.0.1, with optional ISO 15118 (Plug & Charge). Enables seamless backend integration and future-proof smart charging capabilities.

MULTI-LAYER AUTHENTICATION & ACCURATE BILLING

- Offers multiple access options—RFID, QR code, and credit card. Optional MID-certified energy meter ensures compliant and precise energy tracking for public or semi-public installations.

USER-CENTRIC INTERFACE & LIGHTING DESIGN

- Equipped with a 7-inch OTA-upgradable touchscreen and ambient lighting at the gun socket and pole top—enhancing visibility and ease of use, especially at night.

DIMENSIONS

WIDTH: 380mm HEIGHT: 1484mm DEPTH: 280mm



APPLICATIONS



Key features and benefits



CHARGER

Commercial

JOINT | DC CHARGER

EVD002 30kW



DIMENSIONS

WIDTH: 500mm
HEIGHT: 1400mm
DEPTH: 220mm



WIDER VOLTAGE RANGE, SMARTER POWER DELIVERY

- Each 30kW module delivers constant output from 320V to 1000V—ensuring faster, more efficient charging across more vehicle types.

GLOBAL STANDARDS, SEAMLESS COMPATIBILITY

- Built on ISO 15118 / DIN 70121 and fully OCPP 1.6 compliant, making it easy to integrate with any EV and backend management system.

ENGINEERED FOR TOUGH ENVIRONMENTS

- Modules are epoxy-sealed to resist dust and salt spray. With IP54, IK10 housing and IK8 touchscreen, it's built to thrive outdoors and in public spaces.

USER-FRIENDLY EXPERIENCE, WORLDWIDE READY

- Features a 7" full-color touchscreen with multilingual support, delivering intuitive control for drivers everywhere.

APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators



Fleets

Key features and benefits

Commercial

JOINT | DC CHARGER

EVD002 40-60kW



FLEXIBLE INSTALLATION, SPACE-SAVING DESIGN

- Supports both wall-mounted and floor-standing installation. The compact form factor fits into tight spaces, making it ideal for urban or residential areas.

DUAL-GUN FAST CHARGING WITH LOW GRID IMPACT

- Delivers up to 60kW with dual connectors charging simultaneously. Works on standard grid infrastructure—no major upgrades required.

QUIET & USER-FRIENDLY ANYTIME, ANYWHERE

- Ambient top lighting provides nighttime visibility, while low-speed fan cooling keeps noise under 70dB—even at full load. Operates reliably in temperatures up to 50°C without derating.

BUILT-IN SAFETY & ACCURATE ENERGY MONITORING

- Equipped with full safety protections (OVP, UVP, OCP, insulation, leakage, short circuit, door open detection, etc.) and a Class 0.5 DC meter for precise energy tracking. EMC Class B compliant—safe for residential neighborhoods.

DIMENSIONS

WIDTH: 850mm

HEIGHT: 1650mm

DEPTH: 480mm



APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators



Fleets

Key features and benefits

Commercial

JOINT | DC CHARGER

EVD003 60-160kW



SMART & EFFICIENT CHARGING

- Delivers power in flexible 30kW/40kW blocks with intelligent load balancing. Up to 300A per connector and over 95% efficiency ensure faster, quieter, smarter charging.

CERTIFIED SAFETY & FULL PROTECTION

- TÜV and EU-certified with flame-retardant materials and full electrical protection—ensuring safe, reliable operation in all environments.

REMOTE CONTROL & SMART CONNECTIVITY

- Supports WiFi, 4G, Ethernet, remote updates (OTA), and real-time diagnostics. Easily monitor and manage via web.

DURABLE & QUIET BY DESIGN

- Withstands 50°C without derating. Features a glare-proof screen, IK08 glass, low-noise cooling (<65dB), and rugged outdoor-ready build.

DIMENSIONS

WIDTH: 800mm

HEIGHT: 1700mm

DEPTH: 650mm



APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators



Fleets

Key features and benefits

Commercial

JOINT | DC CHARGER

EVD002 360-480kW



ULTRA-WIDE VOLTAGE FOR ALL EVS

- Supports 150–1000V DC output to cover a wide range of vehicle battery platforms—from passenger cars to commercial fleets.

SMART POWER ALLOCATION, FASTER CHARGING

- Delivers up to 400A per connector with dynamic load balancing. Supports both "first-come-first-serve" and "equal-split" charging modes to optimize speed and fairness.

MULTI-VEHICLE CHARGING MADE EASY

- Supports simultaneous charging of up to 8 vehicles. The system intelligently distributes power in real time based on each vehicle's demand.

FLEXIBLE NETWORK CONNECTIVITY

- Supports Ethernet, 4G, and Wi-Fi, ensuring reliable communication in complex environments like highways, fleet depots, and underground garages. Automatically switches networks to maintain remote monitoring and charger uptime.

APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators



Fleets



Gas Station



Key features and benefits

Commercial

JOINT | DC CHARGER

EVD100 60-240kW

DIMENSIONS

WIDTH: 750mm

HEIGHT: 1815mm

DEPTH: 520mm



SLIM & POWERFUL

- Delivers up to 240kW output in an ultra-slim 520mm form—ideal for high-power applications with limited space.

FAST INSTALLATION & EASY INTEGRATION

- Uses spacer blocks and expansion bolts to simplify installation—even with misaligned holes. Bottom-positioned RJ45 and RS485 ports make wiring neater and faster.

USER-FRIENDLY & OUTDOOR-READY

- ADA-compliant 1200mm interface height, glare-resistant 4mm tempered glass, and intuitive layout ensure safe, comfortable use in all environments.

CUSTOMIZABLE DESIGN WITH SMART UPGRADES

- Supports exterior branding customization and remote OTA updates for Android controller and SECC firmware—ready for your needs now and in the future.

APPLICATIONS



Retail
Shopping Center
Hospitality



Working Place
Commercial Building
Parking Operators



Fleets



Key features and benefits



SERIES

Residential Energy Storage System

Residential

JOINT | **RG Series**

Single Phase / On-grid / 3–6 kW



Max. PV Voltage up to 550 V
Support High-current Bifacial Modules



DC / AC Ratio up to 1.5
AFCI Optional



Reactive Power Control
WiFi Logger Standard / 4G Logger Optional



High Efficiency up to 98.1%
Smaller and Lighter

Key features and benefits

Residential

JOINT | **RG Series**

Single Phase / On-grid / 8-12 kW



Max. PV Voltage up to 600 V
Type II DC / Type III AC SPD



DC / AC Ratio up to 1.5
AFCI Optional



Reactive Power Control
WiFi Logger Standard / 4G Logger Optional



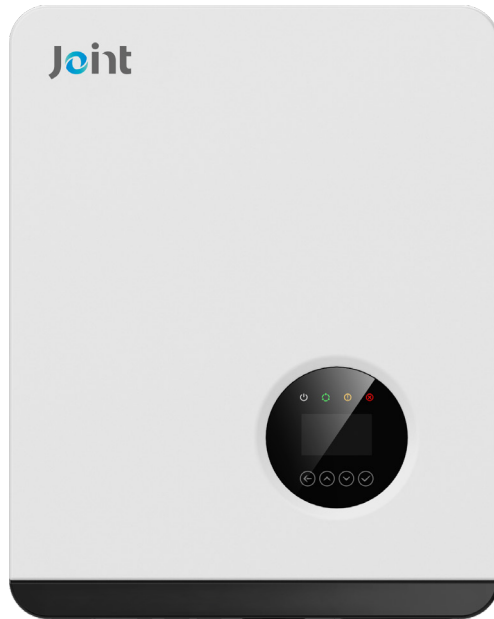
High Efficiency up to 97.5%
Smaller and Lighter

Key features and benefits

Residential

JOINT | **RG Series**

Three Phase / On-grid / 10–25 kW



Max. PV Voltage up to 1100 V
Type II DC / AC SPD



DC / AC Ratio up to 1.3
IP66 Protection



Compatible for Big Capacity PV Panel
WiFi Logger Standard / 4G Logger Optional



High Efficiency up to 98.6%
Smaller and Lighter

Key features and benefits



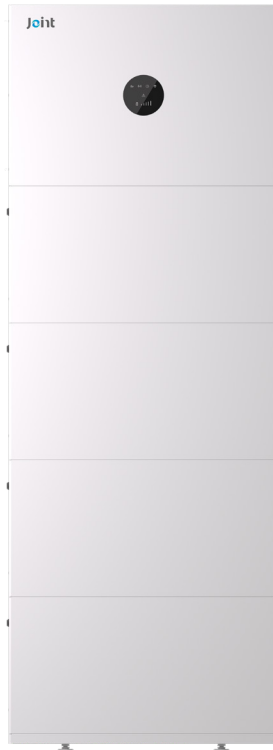
RESS SERIES

Residential Energy Storage System

Residential

JOINT | R-ESS Series

Single Phase / All-in-one Hybrid System / 3.68-6 kW



Save Your Energy Bill

- Powered by CATL and EVE
- Human safe low-voltage solution
- Optional AFCI

Smart Home Energy

- Supports Self Consumption, Peak Shaving, Time-of-use, and Battery Priority operation modes
- SG Ready Heat Pump compatible

High Performance

- DC / AC ratio up to 2
- Long battery cycle life

Easy Installation

- Stackable design, no wiring required
- Compact and space-saving
- IP66 rating for protection

Smart O&M

- 24 / 7 cloud monitoring
- Easy commissioning via Bluetooth
- Remote firmware upgrades

Flexible Expansion

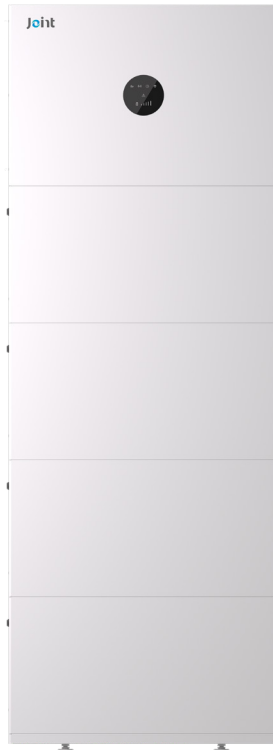
- Supports both on-grid and off-grid parallel configurations
- Max. 4 battery packs per system

Key features and benefits

Residential

JOINT | R-ESS Series

Three Phase / All-in-one Hybrid System / 4-6 kW



Save Your Energy Bill

- Powered by CATL and EVE
- Human safe low-voltage solution
- Optional AFCI

Smart Home Energy

- Supports Self Consumption, Peak Shaving, Time-of-use, and Battery Priority operation modes
- SG Ready Heat Pump compatible

High Performance

- DC / AC ratio up to 2
- Long battery cycle life
- 100% three-phase unbalanced output

Easy Installation

- Stackable design, no wiring required
- Compact and space-saving
- IP66 rating for protection

Smart O&M

- 24 / 7 cloud monitoring
- Easy commissioning via Bluetooth
- Remote firmware upgrades

Flexible Expansion

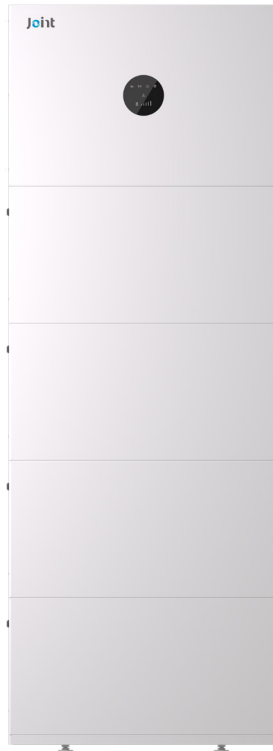
- Supports both on-grid and off-grid parallel configurations
- Max. 4 battery packs per system

Key features and benefits

Residential

JOINT | R-ESS Series

Three Phase / All-in-one Hybrid System / 8–12 kW



Save Your Energy Bill

- Powered by CATL and EVE
- Human safe low-voltage solution
- Optional AFCI

Smart Home Energy

- Supports Self Consumption, Peak Shaving, Time-of-use, and Battery Priority operation modes
- SG Ready Heat Pump compatible

High Performance

- DC / AC ratio up to 2
- Long battery cycle life
- 100% three-phase unbalanced output

Easy Installation

- Stackable design, no wiring required
- Compact and space-saving
- IP66 rating for protection

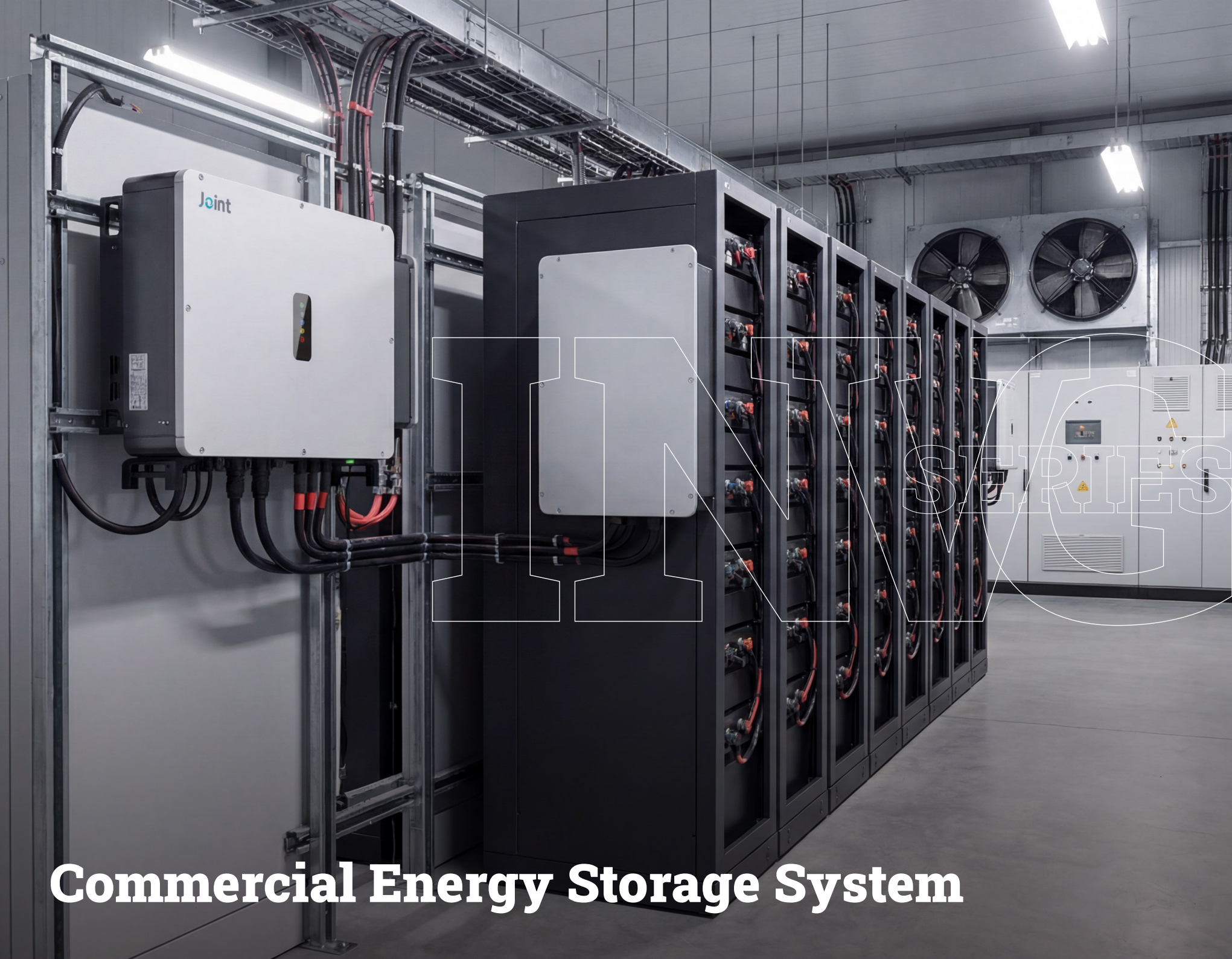
Smart O&M

- 24 / 7 cloud monitoring
- Easy commissioning via Bluetooth
- Remote firmware upgrades

Flexible Expansion

- Supports both on-grid and off-grid parallel configurations
- Max. 8 battery packs per system

Key features and benefits



Commercial Energy Storage System

Commercial

JOINT | INVG SERIES

Three Phase / On-grid / 30–50 kW



Max. PV Voltage up to 1100 V
Type II DC / AC SPD



DC / AC Ratio up to 1.5
IP66 Protection



Compatible for Big Capacity PV Panel
WiFi Logger Standard / 4G Logger Optional



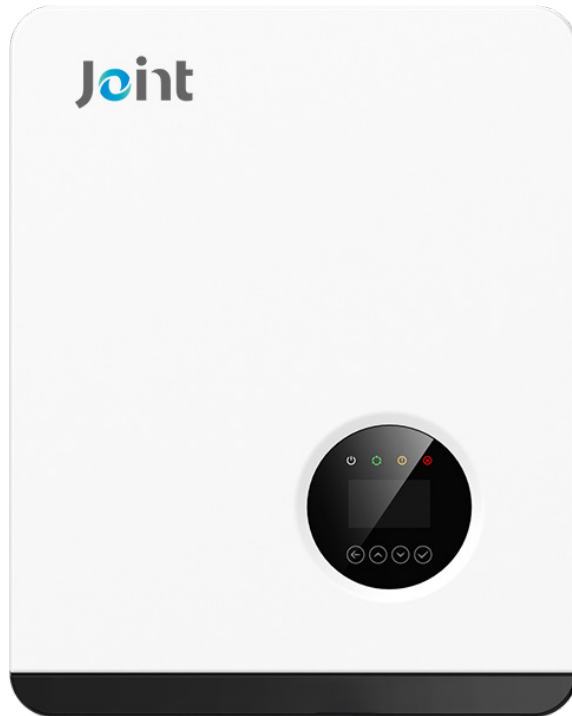
High Efficiency up to 98.7%
Smaller and Lighter

Key features and benefits

Commercial

JOINT | INVG SERIES

Three Phase / On-grid / 30–40 kW



Max. PV Voltage up to 1100 V
Type II DC / AC SPD



DC / AC Ratio up to 1.5
IP66 Protection



Compatible for Big Capacity PV Panel
WiFi Logger Standard / 4G Logger Optional



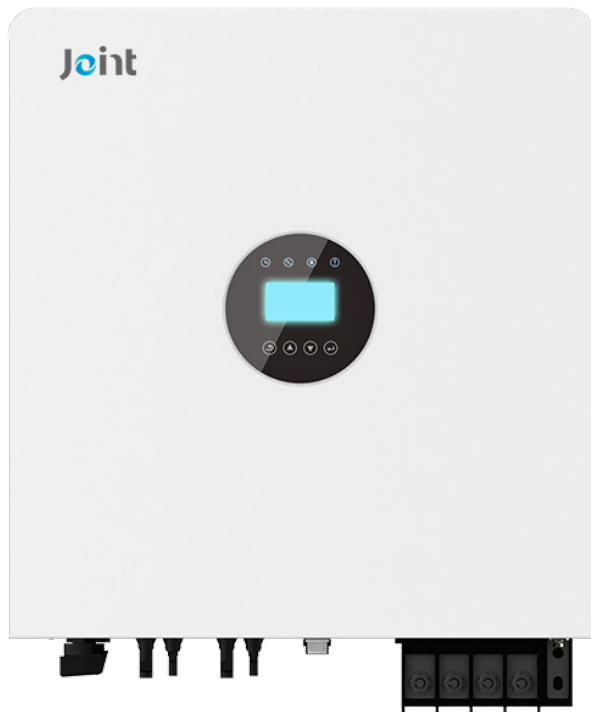
High Efficiency up to 98.7%
Smaller and Lighter

Key features and benefits

Commercial

JOINT | INVG SERIES

Three Phase / On-grid / 50–80 kW



Max. PV Voltage up to 1100 V
Type II DC / AC SPD



DC / AC Ratio up to 1.5
IP66 Protection



Reactive Power Control
WiFi Logger Standard / 4G Logger Optional



High Efficiency up to 98.6%
Smaller and Lighter

Key features and benefits

Commercial

JOINT | INVG SERIES

Three Phase / On-grid / 125 kW



Max. PV Voltage up to 1100 V
Type II DC / AC SPD



DC / AC Ratio up to 1.5
IP66 Protection



Compatible for Big Capacity PV Panel
WiFi Logger Standard / 4G Logger Optional



High Efficiency up to 98.7%
Smaller and Lighter

Key features and benefits

Commercial

JOINT | INVG SERIES

Three Phase / On-grid / 75 kW



Max. PV Voltage up to 800 V
Type II DC / AC SPD



DC / AC Ratio up to 1.5
IP66 Protection



Compatible for Big Capacity PV Panel
WiFi Logger Standard / 4G Logger Optional



High Efficiency up to 98.7%
Smaller and Lighter

Key features and benefits

TECH
SERIES
TOP



Commercial Energy Storage System

Commercial

JOINT | ESS Series

JAC20DP2 / JAC25DP2 / JAC29DP2 / JAC30DP2
JAC40DP2 / JAC49DP2 / JAC50DP2
ESS70DE2 / ESS89DE2 / ESS107DE2

Versatile Application

- Ideal for factories, hotels, and farms with DC / AC-coupled solar-storage
- No external switching device is required, on/off-grid switching time about 10ms, support direct output backup load

Safe & Reliable

- 280ah large capacity cell, higher energy density
- Carbon monoxide detection, Sound and light alarm, Exhaust fan, Explosion vent window, Inlet valve, Fire water injection port

Smart Energy

- Supports self-consumption, peak shifting, time-of-use, and battery backup
- Integrated self-developed BMS / EMS for flexibility

High Performance

- Small size, small footprint
- Long-lasting battery cycle life

Easy Operation

- Compact design saves space
- Cloud control with 24 / 7 monitoring



Key features and benefits

Commercial

JOINT | ESS Series

JAC80DP2 / JAC100DP2 / JAC110DP2 / JAC125DP2
ESS197DE2 / ESS215DE2 / ESS233DE2



Versatile Application

- Ideal for factories, hotels, and farms with DC / AC-coupled solar-storage
- No external switching device is required, on/off-grid switching time about 10ms, support direct output backup load

Safe & Reliable

- 280ah large capacity cell, higher energy density
- Carbon monoxide detection, Sound and light alarm, Exhaust fan, Explosion vent window, Inlet valve, Fire water injection port

Smart Energy

- Supports self-consumption, peak shifting, time-of-use, and battery backup
- Integrated self-developed BMS / EMS for flexibility

High Performance

- Small size, small footprint
- Long-lasting battery cycle life

Easy Operation

- Compact design saves space
- Cloud control with 24 / 7 monitoring

Key features and benefits

Commercial

JOINT | **ESS Series**

JAC50DP-ESS100DE / JAC50DP-ESS107DE
JAC50DP(2)-ESS197DE¹⁾



Safe & Reliable

- CATL LFP Battery Cell
- Double Fire Suppression System Design

Economical & Efficient

- Save CapEx, Expanding as Required
- Efficient and Energy-saving HVAC Design

Simple & User-friendly

- Pre-installed in Factory for Easy Installation on site
- Integrated BMS / EMS, Suitable for Various Applications
- Effortless Operation, Cloud Control



¹⁾ The ESS197DE battery cabinet supports both a 0.25 C configuration with a single JAC50DP and a 0.5 C configuration with two JAC50DP units.

Key features and benefits

Commercial

JOINT | **ESS Series**

JAC100DH / JAC125DH - ESS215DE / ESS233DE



Safe & Reliable

- CATL LFP Battery Cell
- Double Fire Suppression System Design

Economical & Efficient

- Save CapEx, Expanding as Required
- Efficient and Energy-saving HVAC Design

Simple & User-friendly

- Pre-installed in Factory for Easy Installation on site
- Integrated BMS / EMS, Suitable for Various Applications
- Effortless Operation, Cloud Control

Key features and benefits

Commercial

JOINT | **ACS SERIES**

JSTS100D / JSTS250D

On-grid / Off-grid / 100–250 kVA



- On & Off-grid switching < 20 ms, support backup Load
- Integrated EMS, supports multiple operation modes
- Integrated Off-grid isolation transformer
- Supports multi-source access to Grid & PCS & DG power

Key features and benefits

SUSTAINABLE
ENERGY

Joint

@ Sustainable Energy

JOINTCHARGING.COM

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