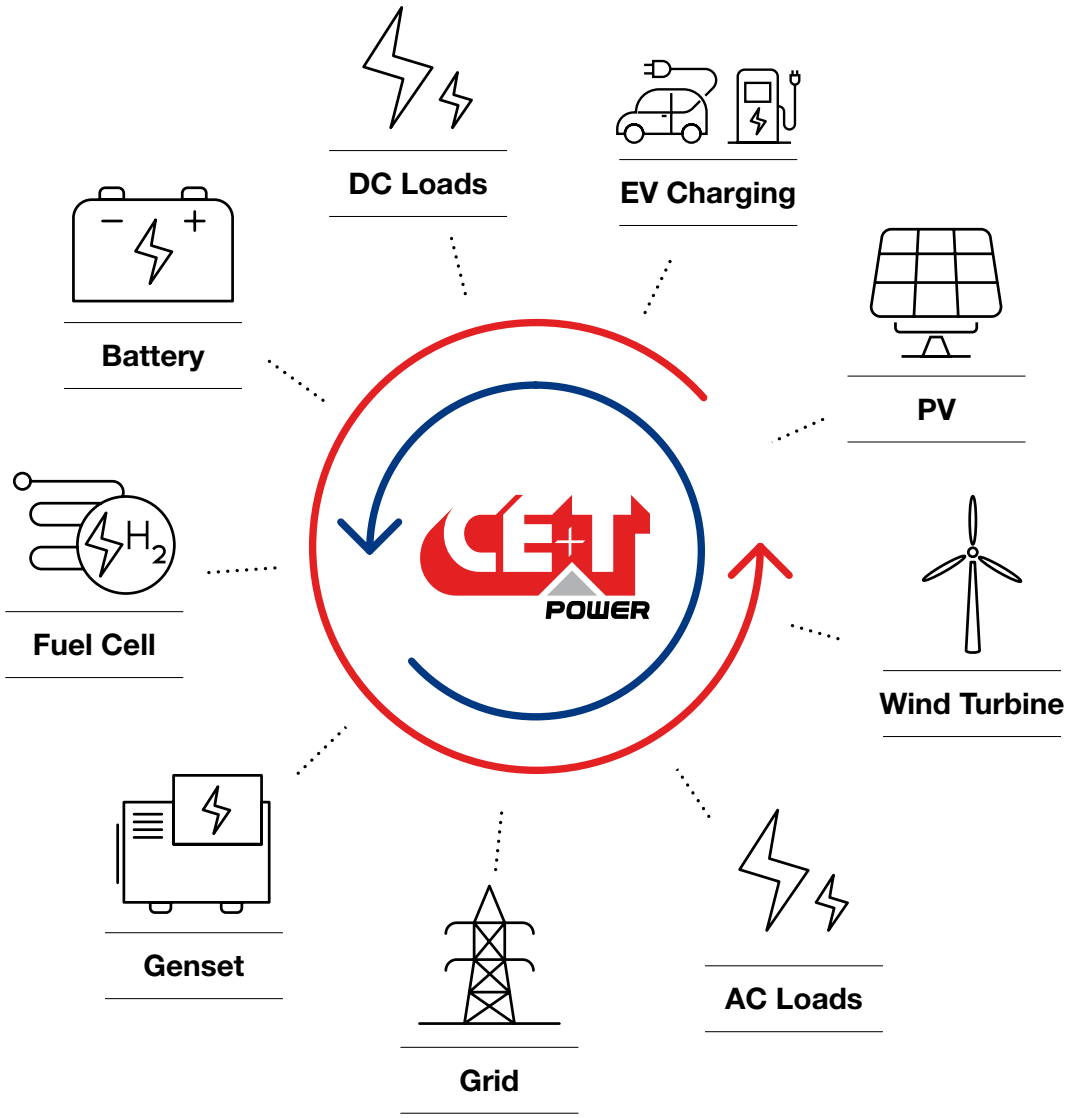

POWER
Powering the
Future of
Telecom
www.cet-power.com

Company profile

CE+T Power is a Belgian company with international footprints. Leader in power conversion solutions, we develop, manufacture and distribute products and systems worldwide.

With our solutions, our customers can secure their critical applications and manage their energy flows efficiently with little efforts.



1934
Year of creation

10%
Of annual revenue reinvested in research and development

350+
Employees worldwide

8
Factories

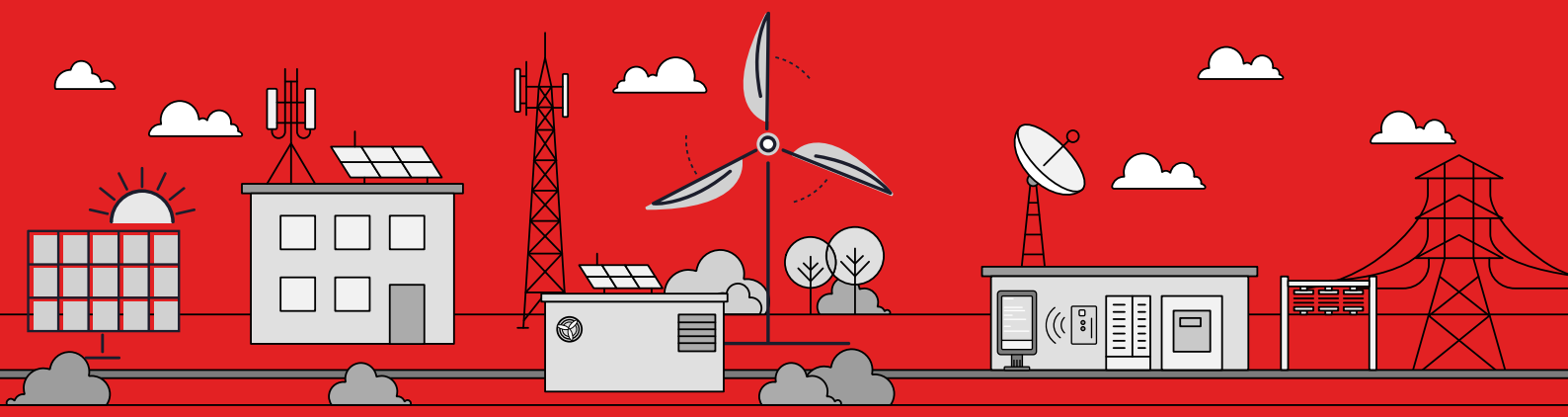
Europe
Headquartered in Europe, Active worldwide

Driving Efficiency, Reliability, and Future-Proofing Telecom Networks

In an era where telecom networks are rapidly evolving with 5G, IoT, and edge computing, CE+T Power stands at the forefront, offering advanced power conversion solutions tailored to the unique needs of telecom operators. Our expertise ensures high reliability, energy efficiency, and flexibility, helping operators meet growing demands while controlling costs and complexity.

From legacy infrastructure to next-gen rollouts, we deliver modular, scalable solutions that secure both AC and DC loads. Our future-proof systems adapt to evolving technologies and enable smarter energy management, turning traditional backup systems into active assets.

Whether you're powering a dense network of small cells or securing large-scale core sites, CE+T Power helps you build a resilient, sustainable telecom infrastructure ready for tomorrow.



Powering Every Layer of Telecom Infrastructure

Telecom infrastructure spans a wide range of site types: from antennas and small edge shelters to remote relay sites and regional data hubs. Each site comes with its own set of technical and environmental constraints. CE+T Power delivers scalable, efficient and reliable power solutions that adapt to every configuration: urban or remote, on-grid or off-grid.

Where CE+T Solutions Fit in Your Network

From antennas and small edge shelters to regional network centers and central telecom facilities, our solutions address both backup power and smart energy management.

We help telecom operators:

- Reduce operational costs with high efficiency
- Increase service uptime with modular redundancy
- Connect AC and DC loads from the same unit
- Integrate renewables to support the energy transition
- Centralize monitoring across hundreds of sites

With CE+T Power, your infrastructure becomes more resilient, autonomous, and future-ready.

Pre-assembled Solutions for Faster Deployment

CE+T Power solutions are designed to simplify integration and deployment in telecom networks.

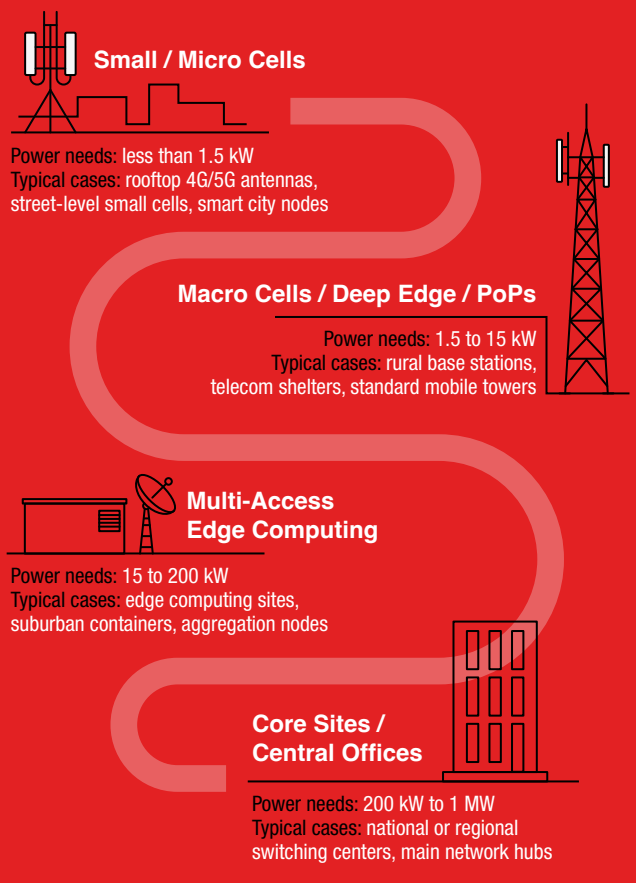
Our systems are pre-assembled and pre-configured, ensuring a fast and seamless setup. These rackable solutions are compatible with standard cabinets, making them easy to integrate into both new and existing telecom infrastructures. This streamlined approach reduces installation time, minimizes disruptions, and ensures reliable performance from day one, allowing telecom operators to focus on delivering critical services.

Reliable Power with Minimal Maintenance

The growing shortage of skilled operators in the telecom industry makes ease of maintenance more critical than ever. CE+T Power's modular systems are designed to require minimal maintenance, reducing both downtime and the need for specialized expertise. Our hot-swappable power conversion units and intuitive monitoring tools allow operators to quickly address issues without impacting overall performance.

Key Benefits for Telecom industry:

- High reliability for backup power and critical operations
- Advanced energy management for optimized assets utilization
- Minimal maintenance requirements to address the skills gap
- Pre-configured, rackable solutions for fast integration
- Scalable, modular designs for growing infrastructure
- Sustainable, cost-effective systems ready for future demands



Our Solutions at a Glance

Power Conversion System (PCS)

We offer a complete range of power solutions for **behind-the-meter** applications, including **inverters** (DC to AC), **UPS** (securing AC loads with batteries), and **multidirectional converters** (inverter, rectifier, and UPS all-in-one). Our systems are compatible with safety extra low voltage 48 Vdc for extended backup time, with additional options in 110 Vdc or 380 Vdc for flexible integration. Coupled with our state-of-the-art **monitoring and control** solution, Inview, you have a real energy blender to connect multiple sources of energy!

Monitoring & Control

Inview: local monitoring

With Inview, you can monitor and control your entire infrastructure. This solution collects data from multiple devices, power converters, batteries (via their BMS) and IoT sensors to create a single power management system (PMS).

Inview Mesh: multi-sites monitoring

Interconnect your sites to monitor, manage and control all devices of your infrastructure on a single platform. Inview Mesh collects, centralizes, process and structure data, alarms and events.

What's in it for you?

- → Expertise and innovation
- → Standard or customized solutions
- → Comprehensive Support
- → Remote access and full monitoring
- → Instant control and reactive response
- → Reduced maintenance costs

Supporting Both Legacy and Modern Technologies

Telecom networks often operate with a **mix of legacy systems and new technologies**. CE+T Power understands the importance of supporting both. Most of our solutions are backward compatible, ensuring **interoperability** with existing assets while providing a future-proof platform that can evolve with technological advancements. This dual support minimizes disruption during upgrades and maximizes the value of past investments.

Decarbonization vs Digitalization in Telecom

As the telecom sector accelerates digital transformation through 5G, IoT and cloud-based services, it faces a growing challenge: how to expand network capacity without increasing its energy footprint ? The densification of antennas, rollout of edge computing, and constant availability of connectivity demand more power than ever across thousands of sites.

To balance performance with sustainability, telecom operators must rethink their energy strategy. CE+T Power supports this shift by delivering:

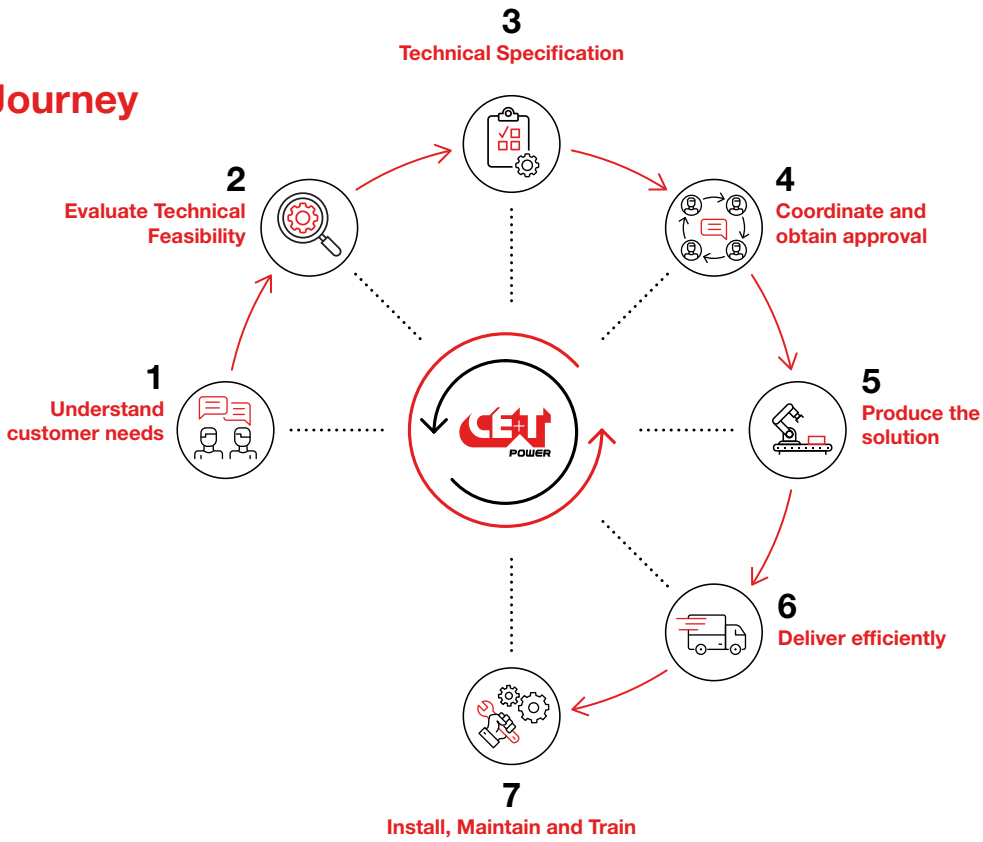
- → High-efficiency power conversion to reduce energy waste
- → Smart monitoring (Inview and Inview Mesh) for visibility across all sites
- → Easy integration of renewable sources at every level of the infrastructure (in AC or DC coupling)

By turning backup power into active energy assets, telecom networks can evolve with lower emissions, lower costs, and higher resilience.

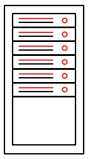
Customer Journey

A Seamless Customer Journey

From **understanding your needs to installation & training**, our structured approach ensures a smooth and efficient process. We work closely with our partners and customers to deliver **high-performance, scalable, and secure power** conversion solutions for mission-critical telecom equipment.

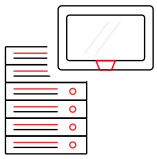


With our flexible approach, we offer both fully integrated systems and modular kits, allowing us to meet standard requirements or develop customized solutions.



Power Converter System (PCS)

A fully assembled, pre-configured, and pre-tested solution. These cabinets are delivered ready to use, requiring only final connections on-site. This option ensures fast deployment, reduces integration complexity, and guarantees a reliable power infrastructure from day one.



Power Converter Kit (PCK)

A modular approach designed for qualified partners who want to assemble their own systems. The kit includes all necessary components—modular power converters, licenses, software, connection cables, and engineering support. This option offers greater flexibility but requires expertise in system integration.

Global Support, Local Expertise

With teams around the world and a network of qualified partners, we ensure local expertise and support. Whether you need a ready-to-use system or guidance in building a customized solution, CE+T Power provides the right balance between standardization and adaptability to fit your telecom equipment's unique needs.

Projects

Major telecom operator, Ecuador

Level of infrastructure : Small cells

What we did: Delivered Sierra 10 and 25 converters with lithium battery integration and Inview monitoring.

Why it matters: Grid instability was causing repeated service interruptions across the network.

Result: Hybrid AC/DC power continuity with 0 ms switching and a scalable, low-maintenance setup.

Regional telecom operator, Ecuador

Level of infrastructure : Mobile Switching Center

What we did: Supplied Bravo 25 modular inverter systems

Why it matters: Critical equipment needed high reliability, high efficiency power supply with a compact footprint.

Result: The Bravo inverter systems provided high power density and energy efficiency in DC/AC mode, ensuring reliable and space-efficient backup for sensitive telecom loads.

Regional telecom operator, Peru

Level of infrastructure : Mobile Switching Center

What we did: Supplied Bravo 25 modular inverter systems

Why it matters: Critical equipment needed high reliability, high efficiency power supply with a compact footprint.

Result: The Bravo inverter systems provided high power density and energy efficiency in DC/AC mode, ensuring reliable and space-efficient backup for sensitive telecom loads.

Regional telecom operator, Cochabamba (Bolivia)

Level of infrastructure : Macro Cells / Deep Edge / PoPs

What we did: Supplied Bravo modular inverter in a rackable solution.

Why it matters: Legacy UPS systems were bulky and inefficient. The site also needed additional storage capacity, requiring more flexible and scalable power.

Result: Space-saving upgrade with modularity, redundancy and easy on-site integration.

NSW State Emergency Service, Australia

Level of infrastructure : Macro Cells / Deep Edge / PoPs

What we did: Equipped mobile command containers with Sierra 25 converters, lithium batteries and monitoring.

Why it matters: Natural disasters required self-sufficient mobile telecom units with hybrid power.

Result: Robust AC/DC supply with autonomy, resilience and field-ready deployment.

MOI Telecom Room, Middle-East

Level of infrastructure : Small cells

What we did: Supplied 1U shelf with Bravo 10 inverters and Inview S Slot for 45 telecom sites of small cells.

Why it matters: The growing telecom infrastructure needed reliable AC supply from hybrid sources.

Result: Easy-to-maintain and compact AC backup with modularity and easy installation.

Provincial Electricity Authority (PEA), Thailand

Level of infrastructure : Small cells

What we did: Delivered Sierra 10 converters with Inview monitoring for trunk radio sites, compatible with LiFePo batteries.

Why it matters: Radio transmission needed secure backup in substations with both AC and DC loads.

Result: Compact solution powering 48 Vdc and 230 Vac loads, with redundancy and monitoring, avoiding using rectifiers.

BTC, The Bahamas

Level of infrastructure : Macro Cells / Deep Edge / PoPs

What we did: Integrated Sierra 25 converters into Hybrid Cube shelters of HCI Energy with solar, wind, batteries and gensets.

Why it matters: Island sites hit by hurricanes required autonomous telecom power.

Result: Off-grid hybrid power solution with seamless AC/DC operation and disaster resilience.

Infrabel, Belgium

Level of infrastructure : Small cells

What we did: Provided Bravo and Sierra converters to secure AC and DC loads in GSM-R telecom shelters.

Why it matters: GSM-R communication must remain operational during trackside power loss.

Result: Modular power system ensuring uninterrupted telecom for railway operations.

Regional telecom operator, Germany

Level of infrastructure : Multi-Access Edge Computing

What we did: Delivered 8 Sierra 25 systems in S (36 kVA), M (72 kVA), and L (90 kVA) formats for telecom shelters. All units are preconfigured for DC-coupled PV with MPPT integration.

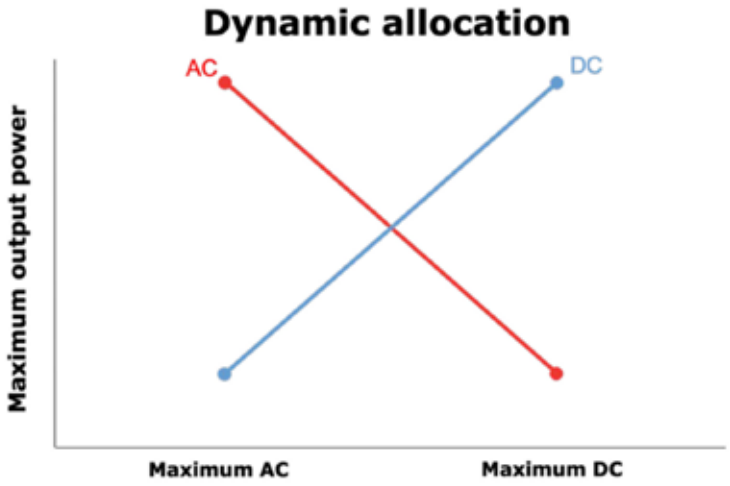
Why it matters: The goal is to enable energy savings and solar integration at telecom sites without modifying the power architecture upfront.

Result: Ready-to-deploy modular systems enabling progressive rollout of energy management features, from backup to full DC-coupled PV with MPPT, for AC and DC loads.

Product ranges

Multidirectional Converters – Sierra

The Sierra range offers a future-proof solution that goes beyond traditional UPS systems. Designed to handle both DC and AC loads, Sierra converters offer unmatched flexibility with a single, adjustable product that meets a wide array of power needs.



Each Sierra converter is equipped with three bidirectional ports (two AC and one DC) making it ideal for integrating batteries, renewable energy sources, AC and DC loads, and more into your energy system.

Benefits for Customers:

- **Versatile:** Handles both DC and AC loads, replacing the need for multiple devices.
- **Future-Proof:** Designed to adapt to changing energy requirements, ensuring long-term value.
- **Efficiency:** Continuous operation during outages, ensuring reliability and resilience.
- **Scalable:** A single product meets a broad range of power needs, reducing complexity and costs.

General product information

Scan the QR code for complete technical datasheets

Sierra 25 – 380/230-277

AC In :	230, 240 & 277 Vac
DC In :	380 Vdc
AC Out :	230, 240 & 277 Vac
DC Out :	380 Vdc
Power :	2.7 kW
Up to :	2 MW

Sierra 25 - 48/230-277

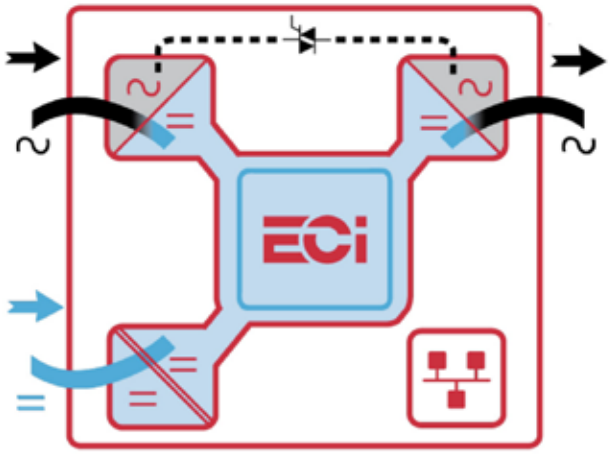
AC In :	230, 240 & 277 Vac
DC In :	48 Vdc
AC Out :	230, 240 & 277 Vac
DC Out :	48 Vdc
Power :	2.7 kW
Up to :	2 MW

Sierra 10 - 48/230

AC In :	230 Vac
DC In :	48 Vdc
AC Out :	230 Vac
DC Out :	48 Vdc
Power :	1.2 kW
Up to :	38 kW

Modular Inverters – Bravo

The Bravo series of modular inverters is engineered to ensure secure and reliable supply of AC loads within DC infrastructures. With CE+T's patented EPC (Enhanced Power Conversion) technology, Bravo inverters provide an additional AC input that directly supplies loads from the grid, offering up to 96% conversion efficiency. This advanced technology reduces energy losses by more than 60%, making Bravo inverters a cost-effective and energy-efficient solution for railway operations.



Benefits for Customers:

- **Uninterrupted Power:** 0 ms transfer time between AC and DC inputs ensures no disruption to critical railway systems.
- **High Reliability:** Built-in Static Transfer Switch (STS) function eliminates single points of failure, enhancing system resilience. Works on the principle of double conversion.
- **Scalable Solutions:** Modular design allows for incremental power additions.
- **Easy Maintenance:** Hot-swappable modules enable quick replacements without interrupting operations, ensuring minimal downtime.

General product information

Scan the QR code for complete technical datasheets

Bravo 25 - 48/230-277

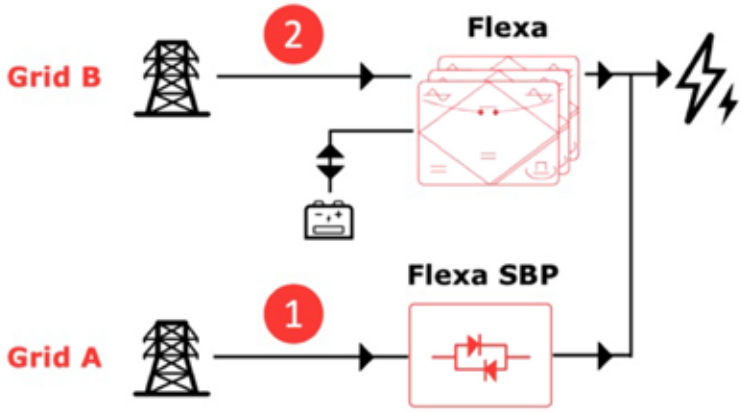
AC In :	230, 240 & 277 Vac
DC In :	48 Vdc
AC Out :	230, 240 & 277 Vac
Power :	3 kVA
Up to :	2.7 MVA

Bravo 10 - 48/230

AC In :	230 Vac
DC In :	48 Vdc
AC Out :	230 Vac
Power :	1.25 kVA
Up to :	40 kVA

Modular UPS – Flexa

Flexa series modular UPS systems are engineered for reliability and flexibility, offering efficient power backup solutions tailored to specific customer needs. The Smart By-Pass (SBP) technology ensures up to 98% conversion efficiency, making Flexa ideal for critical applications. Flexa UPS systems provide robust performance with flexible configuration options.



Benefits for Customers:

- **High conversion efficiency** with Smart By-Pass technology
- **Modular design** for easy scalability and maintenance
- **No master/slave configuration**, ensuring maximum reliability
- Suitable for both **small and large systems**

General product information

Scan the QR code for complete technical datasheets

Flexa 200 - 400/400

AC In :	400 Vac
DC :	408 Vdc
AC Out :	400 Vac
Power :	20 kW
Up to :	640 kW

Flexa 200 - 400/230

AC In :	400 Vac
DC :	408 Vdc
AC Out :	230 Vac
Power :	20 kW
Up to :	100 kW

Multidirectional converters – Prisma

Prisma is CE+T's new generation of modular and scalable Power Conversion Systems (PCS). Built on a common technology platform, it supports a wide range of power levels and configurations, ready for the challenges of modern energy systems.

Unlike traditional architectures that require multiple converters and an external DC bus, Prisma integrates the DC bus directly into its Modular Power Converter, enabling multiple energy conversions with a single device.

Benefits for Customers:

- **High efficiency:** optimized energy flows with minimal losses and less conversions
- **Compact design:** more power density in less space
- Cost-effective: fewer devices than traditional setups, simple installation and low maintenance
- **Future-ready:** scalable and adaptable for evolving energy systems

General product information

Scan the QR code for complete technical datasheets

Prisma Storage 250kW

AC1 In/Out	3x400 or 3x480 Vac
DC2 In/Out	750 Vdc
Total Power	Up to 250kW

Prisma Storage 500kW

AC1 In/Out	3x400 or 3x480 Vac
DC2 In/Out	750 Vdc
Total Power	Up to 500 kW

Prisma Storage 1 MW

AC1 In/Out	3x400 or 3x480 Vac
DC2 In/Out	750 Vdc
Total Power	Up to 1 MW

Notes

Notes

Contact us

Let’s keep in touch !

www.cet-power.com