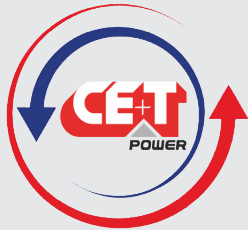




Product range

# Multidirectional Converters

A converter at the heart of your ecosystem for **securing AC & DC loads**, charging **batteries** or for the **energy revolution!**

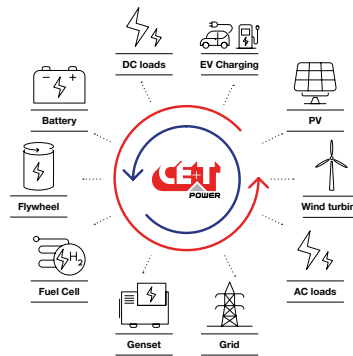


## Connect Anything, Anytime, with Backup Power

Each converter, equipped with three bidirectional ports (AC/AC/DC or DC/DC/AC), can function as both input and output, providing unparalleled versatility. This allows you to connect a wide array of devices and systems – such as batteries, renewable energy sources, AC and/or DC loads, EV chargers, and gensets and adapt to your changing energy needs. Our solutions also guarantee continuous operation during outages, enhancing reliability and resilience.

## Smart Energy Distribution

The exceptional energy flow efficiency of our converters not only optimizes the use of your assets but also extends their lifespan. Crafted for seamless integration, our solutions effortlessly blend with your current equipment ecosystem, boosting operational coherence and efficiency.



Moreover, some of our multidirectional converters are **certified grid-interactive**, enabling you to inject your excess of energy back to the grid. For challenging conditions, our **specialized outdoor version** is engineered to endure harsh environments.

## Power to Match Your Scale

Understanding the diverse power needs of our clients, our product range, from 1 kW to 1080 kW, is designed to meet a broad spectrum of requirements.

Beyond this, we offer power solutions to tailor our multidirectional converters to your specific needs. This adaptability ensures the perfect fit for any scenario, reinforcing our commitment to providing versatile and scalable energy management solutions.

## Monitoring & Control at Your Fingertips

All our converters are compatible with our monitoring and control solutions, providing a platform equipped with dashboards, alerts, and reports for efficient energy management. By **activating advanced energy management functionalities**, you gain complete control over your energy resources, ensuring optimal performance and reliability.

Moreover, our monitoring & control solutions are **ready to be integrated with an EMS** for even more dynamic energy flow management.



# Discover our range of solutions

## Sierra series

Illustration



Product Name	Sierra 10 - 48/230	Sierra 10 - 48/120	Sierra 25 - 48/230-277	Sierra 25 - 48/120	Sierra 25 - 110/230-277	Sierra 25 - 380/230-277
DC In/Out (range)	48 Vdc (40 – 60)	48 Vdc (40 – 60)	48 Vdc (32 – 63)	48 Vdc (40 – 60)	110 Vdc (90 – 150)	380 Vdc (200 – 430)
AC In/Out (range)	230 Vac (150 – 265)	120 Vac (100 – 130)	230, 240 & 277 Vac (150 – 293)	120 Vac (90 – 140)	230, 240 & 277 Vac (150 – 293)	230, 240 & 277 Vac (150 – 293)
Output power	1.25 kVA / 1.2 kW	1 kVA / 1 kW	3 kVA / 2.7 kW	2.75 kVA / 2.55 kW	3 kVA / 2.7 kW	3 kVA / 2.7 kW
Up to	38 kVA	32 kVA	2 MW	1.85 MW	2.2 MVA	450 kVA
Efficiency: DC/AC	93%	92.5%	93.7%	92.5%	93.7%	94.5%
Efficiency: AC/AC	96%	95%	96%	94.5%	96%	96%
Operating temperature	-20°C to 65°C	-20°C to 65°C	-40°C to 65°C	-20°C to 65°C	-20°C to 65°C	-20°C to 65°C
Dimension	1U x 87 mm x 319 mm	1U x 87 mm x 319 mm	2U x 103 mm x 435 mm	2U x 103 mm x 435 mm	2U x 103 mm x 435 mm	2U x 103 mm x 435 mm
Part number	T711730201	T711330201	T721D30201	T721330201	T721D50201	T721D70201
Grid-Interactive Certification	-	-	EN50549-1, AS 4777 VDE-AR-4105	-	-	EN50549-1, AS 4777 VDE-AR-4105

## Sierra XC

## Hercules

## Stabiliti

Illustration



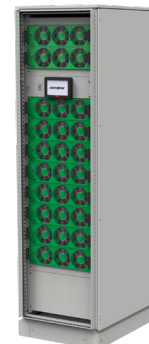
Product Name	Sierra XC10 - 48/230	Hercules 200 - 408/230
DC In/Out (range)	48 Vdc (40 – 60)	408 Vdc (336 – 490)
AC In/Out (range)	230 Vac (150 – 270)	3x400 Vac + N (260 – 476)
Output power	1 kW	20 kVA / 20 kW
Up to	3 kW	640 kW
Efficiency: DC/AC	93%	96%
Efficiency: AC/AC	96%	96%
Operating temperature	-40°C to 70°C	-40°C to 70°C
Dimension	85 mm x 144 mm x 408 mm	3U x 485 mm x 572 mm
Part number	T731730101	T451970528
Grid-Interactive Certification	-	EN50549-1, C10/11

Illustration



Product Name	Stabiliti 30C3-CE
DC In/Out (range)	800 Vdc (200 – 1000)
AC In/Out (range)	3x400 Vac (334 – 440)
Output power	30 kW with auto-transformer
Up to	240 kW
Efficiency: DC/DC	97.5%
Efficiency: AC/DC	94.5%
Operating temperature	-25°C to 60°C
Dimension	520 x 1016 mm x 406 mm
Part number	T831890201
Grid-Interactive Certification	EN50549-10, C10/11, VDE-AR-4105

Our multidirectional power converters can be integrated into different type of cabinets to best meet your specific needs:



Scan the QR code to explore all our products

Multidirectional Converters - Product Range v1.4 Specifications can change without notice. New data will be updated on our website: [www.cet-power.com](http://www.cet-power.com).  
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