

CELL POWER

CBI 215-1725

The CBI 215-1725 is designed for applications where flexibility and reliability are essential. From grid reinforcement and peak shaving to off-grid backup and charging hub buffering. With a 3-year warranty, this system delivers long-lasting performance. The CBI 215-1725 is a powerful inverter without an integrated battery, making it a versatile component in a wide range of energy configurations. This model is developed in the Netherlands, based on 35 years of expertise in energy storage systems. The result is a modular energy system with high power output, maximum safety, and a strong focus on cybersecurity. With local service and data management within Europe, the CBI 215-1725 is the scalable choice for future-oriented energy projects.

35⁺

Developed in the Netherlands

Developed by a Dutch battery specialist with over 35 years of experience. Reliable, innovative, and close to home.



High power

A lot of power in a compact enclosure.



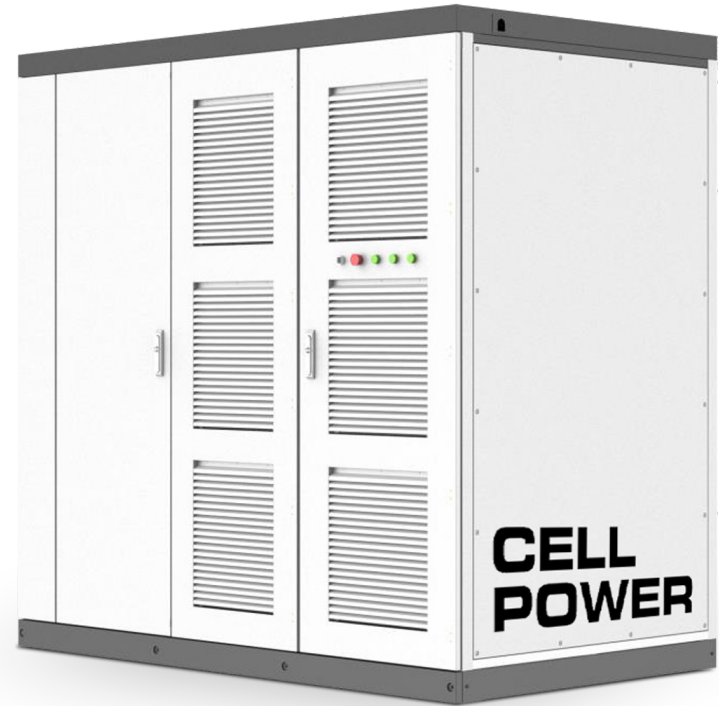
Cybersecurity & data security

All control and data processing takes place in the Netherlands. The systems are extra secure thanks to a protected network – your data remains safe.



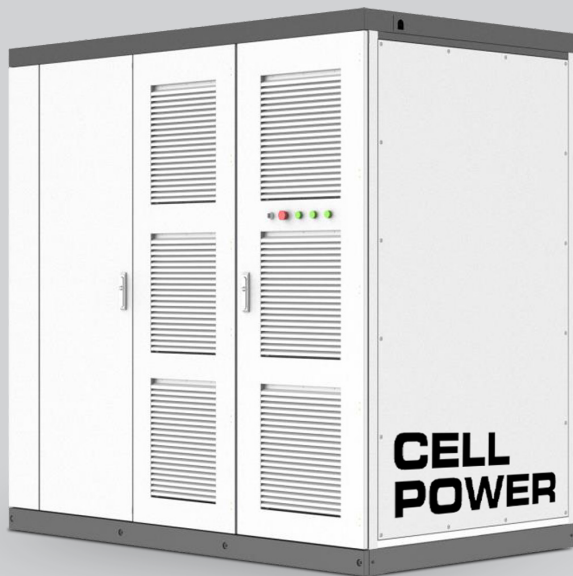
Local service and support

Focus on local services: from installation and maintenance to training – our Dutch specialists are here to support you.



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GENERAL INFORMATION

Dimensions (LxWxH)	2200 x 1300 x 2160mm
Weight	~ 1300 / 1400 / 1500 / 1600 / 1700 / 1800 / 1900 / 2000 kg
Housing	Outdoor cabinet
Anti corrosion level	C5
Noise level	≤75dB
Protection rating	IP55
Operating temperature	-20°C ~ +60°C (≥45°C derating)
Relative humidity	5% ~ 95% (Non-condensing)
Maximum operating altitude	3000m (≥3000m derating)
Thermal management system	Air fan cooling
EMS integrations (multiplatform)	N/A
Communication interface	TCP IEC104, MODBUS TCP/RTU, IEC61850
Off-grid capability	Yes, ATS required

BATTERY

Compatible with	CESS 418, CESS 5015
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INVERTER

Rated / nominal AC power	215 / 431 / 646 / 862 / 1078 / 1293 / 1509 / 1725 kVA
Maximum AC power	1897 kVA
Grid voltage	690V
Grid voltage range	586 ~ 759V
AC current	180 / 360 / 541 / 720 / 900 / 1082 / 1262 / 1443A
THD	≤3% i (100% Load)
AC power factor	-1 (Lagging) ~ 1 (Leading)
AC frequency	50/60Hz ± 5Hz
Max efficiency	98,5%

WARRANTY & CERTIFICATE

Warranty	3 years, 5% cost per year for further warranty extension
Certificates inverter	EN 50549-2:2019/AC:2019

EXAMPLE CONFIGURATIONS

2 pcs	3450 kW
3 pcs	5175 kW
4 pcs	6900 kW
10 pcs	17250 kW
x pcs in parallel maximum	Unlimited expandability