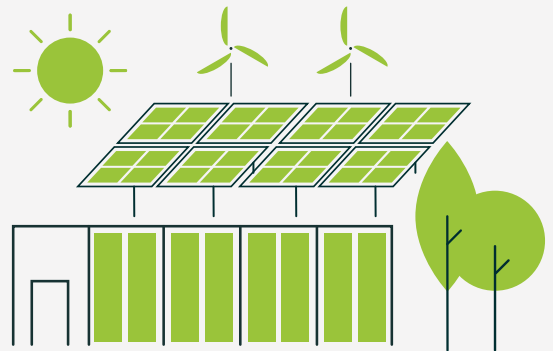


E/Strem CNT MADE IN EUROPE

High-Performance Energy Storage for Large-Scale Applications



FLEXIBILITY AND SCALABILITY

Efficient and scalable solution to optimize the use of renewable energy.



EASY INSTALLATION

Fully integrated and pre-configured system with side access for easy installation and maintenance.



MAXIMUM PERFORMANCE

Liquid cooling for efficient thermal management and maximum availability.



BROAD COMPATIBILITY

Integration capability with the leading EMS platforms on the market.



CLOUD CONNECTIVITY

CEGASA Cloud for services requiring high-availability connections and secure battery monitoring.





CNT-5

MODULES	1
Nominal Energy (MWh)	5,015
# Racks per subsystem	12
# DC outputs to PCS (+/-)	1/2
Approximate Weight (Tm)	~50
External Dimensions (L x W x H, mm)	6300 x 2900 x 2896



CNT-10

MODULES	2
Nominal Energy (MWh)	10
# Racks per subsystem	12/12
# DC outputs to PCS (+/-)	2/4
Approximate Weight (Tm)	~95
External Dimensions (L x W x H, mm)	13200 x 2900 x 2896



CNT-12

MODULES	3
Nominal Energy (MWh)	12,54
# Racks per subsystem	10/10/10
# DC outputs to PCS (+/-)	3/6
Approximate Weight (Tm)	~140
External Dimensions (L x W x H, mm)	17200 x 2900 x 2896

GENERAL	
Cell Capacity (Ah)	314 Ah
Battery Configuration (XPYS)	1P416S
Nominal Voltage (Vdc)	1331 Vdc
Voltage Range (Vdc)	1165–1498 Vdc
Cooling System	Liquid Cooling
Corrosion Protection	C4 (C5 optional)
Fire Resistance	Up to EI120
Operating Temperature	Charge: 0–55°C / Discharge: -20–55°C
Storage Temperature	0–35°C (12 months), -20–45°C (1 month)
Relative Humidity	95% RH (non-condensing)
Maximum Altitude	3000 m a.s.l. (w/o derating)
IP Protection Rating	IP54
Communications	CAN, RS485, Ethernet
Design & safety	IEC62619, UL9540A, UL1973, IEC63056, IEC 62933, IEC 61000-6-4, REGULATION EU 2023/1542, CE marking
Transport	UN38.3
Environmental	RoHS, REACH, REGULATION EU 2023/1542
Cybersecurity	ISO 27001, IEC 62443, CRA, NIS2
Company certifications	ISO9001, ISO 14001, ISO 45001, ISO 27001