

CECASA




Bick
Ultra 175

High power plug and play modular system
for applications from 13 to 54 kWh



eBick Ultra 175 is Cegasa's answer to installers looking for a pre-installed, self-managed "plug-and-go" battery.

Ideal for replacing lead batteries in existing installations, as well as for new self-consumption, off-grid installations with needs of between 13 and 54 kWh.



Cegasa Lithium-LFP technology



Modular system
13.4 kWh per module up to 54 kWh



Ready to use
Fully factory installed



Expandable up to 4 modules in parallel



Integrated wheel option for easy movement



Compatible for communications with Victron, Sunny Island and Studer inverters



Working voltage 48V



Direct replacement of lead batteries



	ULTRA 175 48V_280Ah	ULTRA 175 48V_560Ah	ULTRA 175 Configuration 3 x 48V_280Ah	ULTRA 175 Configuration 2 x 48V_560Ah
Product code With base frame	109639	109640		
Product code Without base frame	109624	-		
Mechanical characteristics				
Equipment dimensions (mm)				
Width		765		
Depth		405		
Height		600		
Height w/o base frame	470	-		
Equipment total weight (kg)	105	210		
Finish / Battery cover		IP30		
Electrical characteristics				
Rated voltage (V)		48		48
Maximum voltage		52,2		52,2
Minimum voltage		43		43
Rated capacity (Ah)	280	560	840	1120
Rated energy (kWh)	13,5	27	40,5	54
Cyclability			> 5000 (80%DOD)	
Type of communications		CAN Bus		
Electrical safeguards				
Overload		ok		
Over-discharge		ok		
Short-circuit		ok		
Over-current		ok		
Over-temperature		ok		
Passive balancing		ok		
Current level (A)				
Maximum continuous charge current	175	320	450	500
Recommended continuous charge current	140	280	400	475
Rated continuous discharge current	140	280	400	475
Maximum continuous discharge current	175; (8kW)	340; (15kW)	500 (22,5kW)	575 (26kW)
Peak discharge (1) current/time	225 (5 min); (10kW)	450 (5 min); (20kW)	600 (5 min); (26kW)	800 (5 min); (35kW)
Peak discharge (2) current/time	270 (5s); (12kW)	540 (5s); (24kW)	750 (5s); (32kW)	875 (5s); (40kW)
Peak discharge (3) current/time	400 (<1s)	800 (<1s)	1000 (<1s)	1000 (<1s)
Electrical connections				
Power		REMA SR 350 Connector Grey (Similar connector is supplied for installation with pins for 95mm ²) For installations with more than 2 Ultra modules, the use of a Busbar is recommended (not included)		
Communications				
Connector		RJ45		
Type approval				
		CE Mark UN 38.3		
Accessories				
109637	TCC CAN for communications with Victron, Sunny Island and Studer inverters			
109642	Inverters RJ45 extension cable to connect more than 2 Ultra modules to communications			



+ 85 YEARS OF ENERGY STORAGE EXPERIENCE

CEGASA, a leading brand in energy management and storage systems.

- Specialising in the design and development of energy solutions for residential and industrial sectors.
- Experts in latest generation Lithium-Ion based energy accumulation technologies.
- Manufacturers of Lithium-Ion energy storage systems.
- A highly qualified, motivated team.
- Dedicated to quality and customer service.
- Own material characterisation laboratories.
- A national business group committed to innovation and sustainable development.



HEAD OFFICE & FACTORY

Parque Tecnológico de Álava
C/ Marie Curie, 1
01510 Miñano // Spain
Tel. +34 945 228 469
info@cegaso.com

DELEGATIONS

Cegasa USA Inc.

1701 Armitage Court
Addison, IL 60101 // USA
Tel. +1 630 629 6300
sales.usa@cegaso.com

Cegasa Australia

Maroubra, NSW 2035
Sydney - Australia
Tel. +61 (0) 431 225 241
sales.australia@cegaso.com



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