MILLOR®
www.millorbattery.com

flexiEBUST®

www.millorbattery.com

SMART MODULAR HIGH VOLTAGE BATTERY PACKS

613V SUPER ENERGY VERSION

UN/ECE-R100 rev.2 COMPLIANT

TOP

Premium Brand Quality Cells
Automotive Reliability & Safety
Customized Performance

TÜVRheinland CERTIFIED
Management System ISO 9001:2015
www.tuv.com ID 9000006681

Series production in Barcelona with ISO9001 Quality certified by TÜV Rheinland.

Millor® develops specific batteries that best suit every application. flexiEBUST® line of modular batteries has been developed as the perfect choice for OEMs designing electric buses, trucks and other heavy duty vehicles with high quality and safety requirements with adjusted time to market.

Better batteries for a better future!

MILLOR BATTERY
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info@millorbattery.com, www.millorbattery.com

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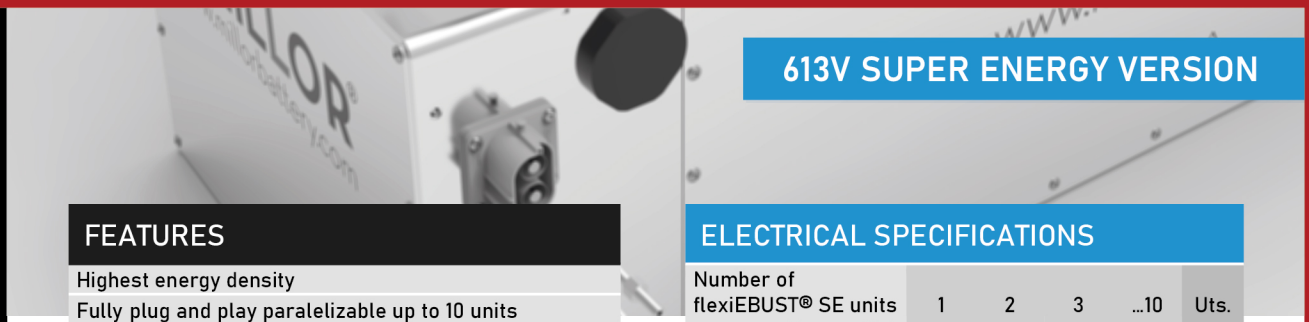


613V SUPER ENERGY VERSION

FEATURES

- Highest energy density
- Fully plug and play paralelizable up to 10 units
- flexiEBUST® Flexible CAN BUS open communication
- Fast and easy mechanical direct integration
- flexiEBUST® Millor Battery Fast Maintenance Safety Box
- MILLOR® Smart Battery Management System
- Anodized aluminium automotive grade safety casing
- Overtemperature protection
- Undertemperature protection
- Overcurrent recursive electronic protection
- Short-circuit protection
- Overvoltage protection
- Undervoltage protection
- Last generation automotive Lithium cells
- MILLOR® Smart Active Liquid Cooling System

QUALITY & RELIABILITY

- UN/ECE-R100 rev2. Compliant
- Series production with ISO9001 quality certified by TÜV Rheinland
- Made in Barcelona with 100% end of line tested units
- OEM total warranty
- Ensured 2nd life after EOL
  (designed and manufactured for circular economy)

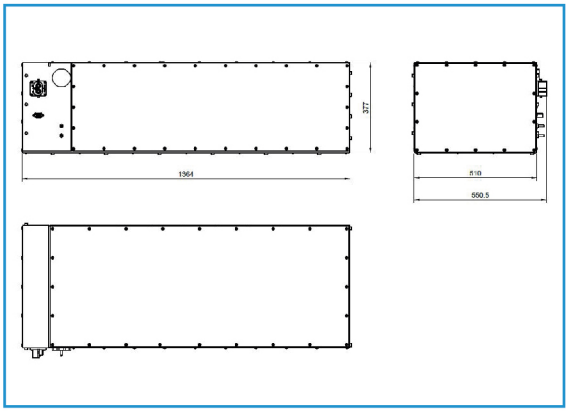
Ask for the CAD file, more info and samples!

ELECTRICAL SPECIFICATIONS

Number of flexiEBUST® SE units connected in parallel	1	2	3	...10	Uts.
Nominal voltage	613				V
Min/Max voltage	454/705				V
Capacity	70	140	210	700	Ah
Energy	43	86	129	430	kWh
Maximum continuous current	100	200	300	1000	A
Peak current (<5s)	200	400	600	2000	A
Maximum continuous power	60	120	180	600	kW
Peak power (<5s)	120	240	360	1200	kW
Continuous charge current	100	200	300	1000	A
Continuous charge power	60	120	180	600	kW

MECHANICAL SPECIFICATIONS

- Length	1250	mm
- Height	375	mm
- Width	590	mm
Mass	230	kg
Ingress Protection	IP65	-



SEAL OF EXCELLENCE

European Commission

January 2021. MILLOR BATTERY reserves the right to modify any specification without prior notice.

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