



SMART MODULAR HIGH VOLTAGE BATTERY PACKS

360V SUPER POWER VERSION



TOP
Premium Brand Quality Cells
Automotive Reliability & Safety
Customized Performance



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!



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FEATURES

- Highest power 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® SP units connected in parallel	1	2	3	...10	Uts.
Nominal voltage	360				V
Min/Max voltage	265/410				V
Capacity	75	150	225	750	Ah
Energy	27,2	54,4	81,6	272	kWh
Maximum continuous current	250	500	750	2500	A
Peak current (<5s)	1125	2250	3375	11250	A
Maximum continuous power	90	180	270	900	kW
Peak power (<5s)	405	810	1215	4050	kW
Continuous charge current	225	450	675	2250	A
Continuous charge power	81	162	243	810	kW

MECHANICAL SPECIFICATIONS

- Length	1405	mm
- Height	275	mm
- Width	635	mm
Mass	270	kg
Ingress Protection	IP65	-

