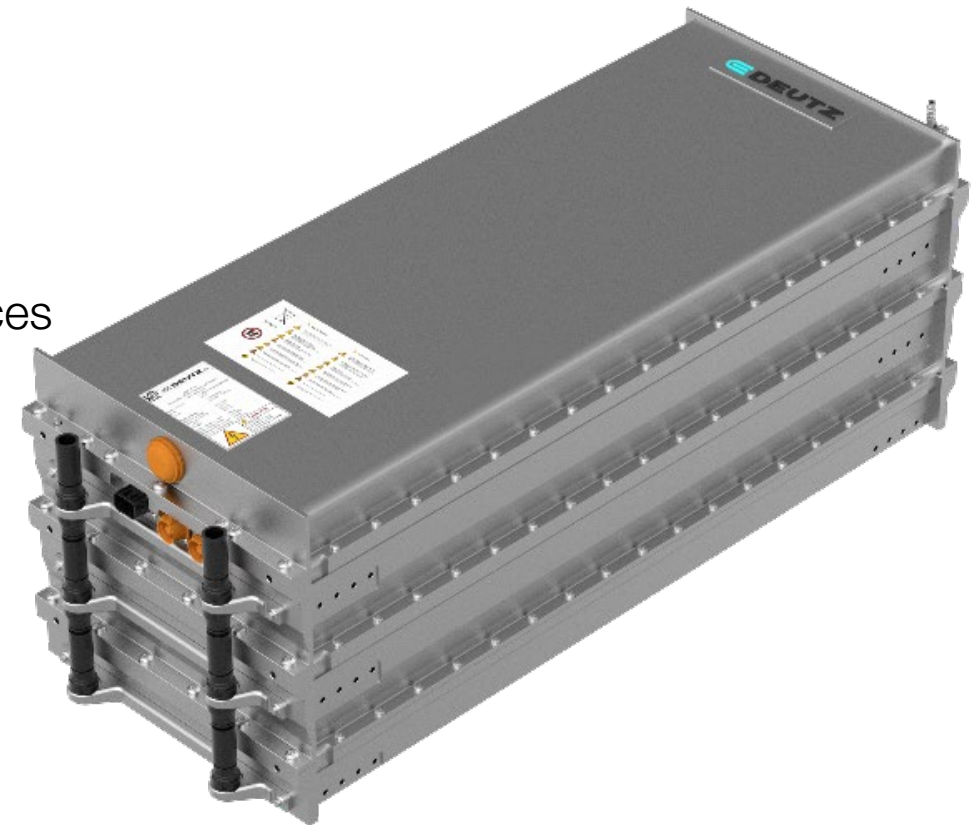


E-DEUTZ components



High Performance NMC Battery

- **Powerful:** Up to 400 V & 600 A
- **Sustainable:** No CO₂ emissions with green energy
- **Robust:** Designed for Off-Highway applications
- **Compact:** Formfactor for engine compartments or narrow spaces
- **Flexible:** Parallel and serial connection

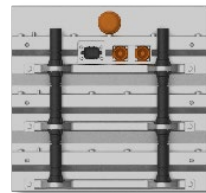
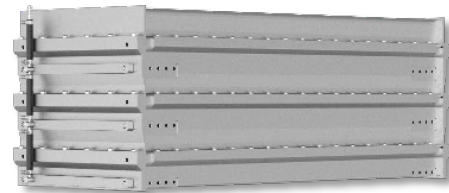
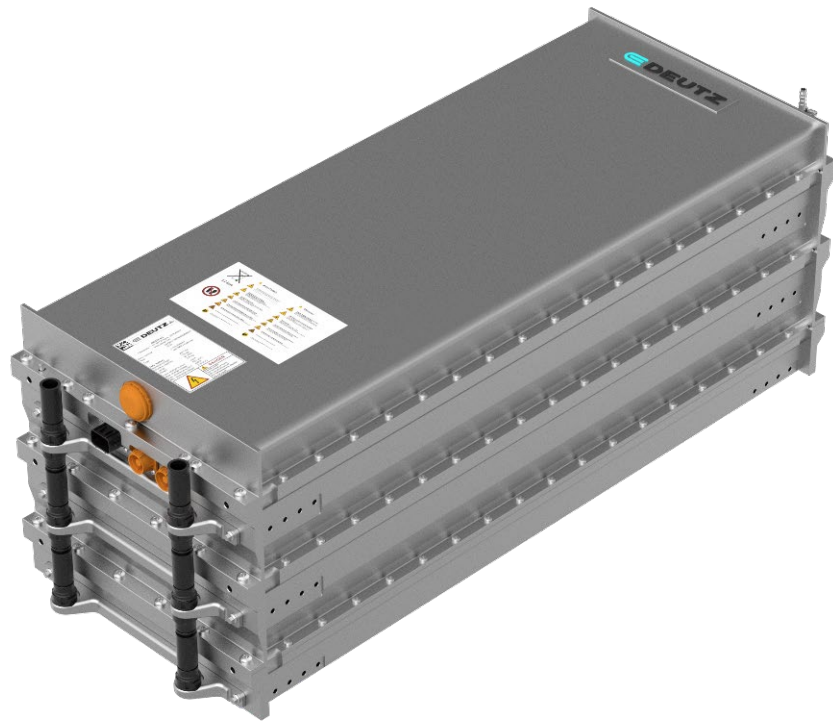


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E-DEUTZ components



High Voltage Battery GEN2 – E360 41 kWh



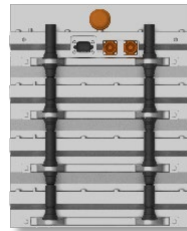
Technical Data

Battery type	Li-Ion (NMC)
Nominal voltage	358 V
Voltage range	323 – 402 V
Nominal capacity	41.2 kWh
Usable capacity (@ 90 % DoD)	36.7 kWh
Discharge current (cont. / max.)	176 A / 600 A (10s)
Charge current (cont. / max.)	106 A / 384 A (10s)
Cooling	Water/glycol cooled with water/air heat exchanger
Operating cell temperature	-30 °C to 55 °C
Storage temperature	-35 °C to 35 °C
IP protective class	IP67, IP6k9k
Full equivalent cycles during lifetime (until 70 % SoH & 0.5C/1C CH/DCH)	2500
Dimensions (L x W x H)	1080 x 440 x 420 mm
Weight	290 kg
Vol. & grav. energy density	206 Wh/l & 142 Wh/kg
Availability	PT: Q3/2023 Series: 2024

E-DEUTZ components



High Voltage Battery GEN2 – E360 39 kWh



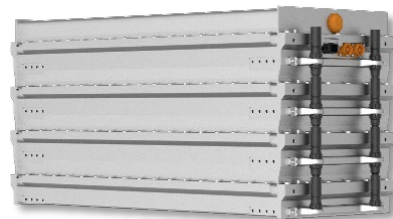
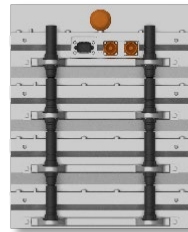
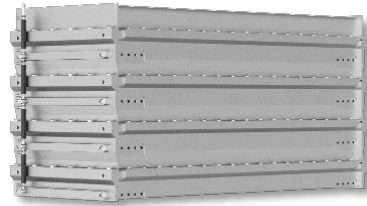
Technical Data

Battery type	Li-Ion (NMC)
Nominal voltage	335 V
Voltage range	303 – 377 V
Nominal capacity	38.6 kWh
Usable capacity (@ 90 % DoD)	34.7 kWh
Discharge current (cont. / max.)	176 A / 600 A (10s)
Charge current (cont. / max.)	106 A / 384 A (10s)
Cooling	Water/glycol cooled with water/air heat exchanger
Operating cell temperature	-30 °C to 55 °C
Storage temperature	-35 °C to 35 °C
IP protective class	IP67, IP6k9k
Full equivalent cycles during lifetime (until 70 % SoH & 0.5C/1C CH/DCH)	2500
Dimensions (L x W x H)	766 x 440 x 550 mm
Weight	275 kg
Vol. & grav. energy density	208 Wh/l & 140 Wh/kg
Availability	PT: Q4/2023 Series: 2024

E-DEUTZ components



High Voltage Battery GEN2 – E360 59 kWh



Technical Data

Battery type	Li-Ion (NMC)
Nominal voltage	343 V
Voltage range	310 – 385 V
Nominal capacity	59.2 kWh
Usable capacity (@ 90 % DoD)	53.3 kWh
Discharge current (cont. / max.)	250 A / 600 A (10s)
Charge current (cont. / max.)	158 A / 576 A (10s)
Cooling	Water/glycol cooled with water/air heat exchanger
Operating cell temperature	-30 °C to 55 °C
Storage temperature	-35 °C to 35 °C
IP protective class	IP67, IP6k9k
Full equivalent cycles during lifetime (until 70 % SoH & 0.5C/1C CH/DCH)	2500
Dimensions (L x W x H)	1080 x 440 x 550 mm
Weight	405 kg
Vol. & grav. energy density	226 Wh/l & 146 Wh/kg
Availability	PT: 2024 Series: 2025

E-DEUTZ components



DEUTZ Modular Battery Kit / GEN 2



E-DEUTZ HV-Battery	Unit	GEN1 - E360 42	GEN2 – E360 59	GEN2 - E360 41	GEN2 - E360 39
Nominal Capacity	kWh	42.2	59.2	41.2	38.6
Nominal Voltage	V	352	343	358	335
Discharge Current / Power (nom./max) @ U _{nom}	A	160 A / 400 A (10s)	250 A / 600 A (10s)	176 A / 600 A (10s)	176 A / 600 A (10s)
Conditioning	-	Optional Water Cooling	Optional Water Cooling	Optional Water Cooling	Optional Water Cooling
Energy Density (vol. grav.)	Wh/l Wh/kg	157 128	226 146	206 142	208 140
Configuration	-	3x3	6x4	6x3	4x4
Dimensions – Length	mm	1100	1080	1080	766
Dimensions – Height	mm	521	550	420	550
Dimensions – Width	mm	468	440	440	440
Availability (PT series)	-	Now Q4/2022	2024 2025	Q3/2023 2024	Q4/2023 2024

Dimensions not including mountings