



...mobil mit Batterien



**SPECIAL BATTERIES
FOR RAIL APPLICATIONS**

TRIMAXX Rail+

Special batteries for rail applications

Designation	Voltage V	Capacity Ah C20 (C5)	Cold test current A(EN)	Design	Dimensions in mm (L x W x H)	Circuit	End-poletype	Base-board	Weight kg	Vibration resistance / cycles acc. to EN 50342	DIN No.
TRIMAXX Rail+ Cyclic											
Rail+ cyclic 12V80A	12	95 (80)	660	Drive / traction and lightning	353 x 175 x 190	0	1	B3/B4	25	V3 / E4	95803
Rail+ cyclic 12V150A	12	180 (150)	880	Drive / traction and lightning	513 x 223 x 223	3	1	B00	43	V3 / E4	96351
Rail+ cyclic 12V190A	12	225 (190)	1050	Drive / traction and lightning	518 x 273 x 242	3	1	B00	61	V3 / E4	96801
TRIMAXX Rail+ Cyclic ZY											
Rail+cyclic 12V150A ZY	12	180 (150)	880	Drive / traction and lightning EXTRA ROBUST	513 x 223 x 223	3	1	B00	47.5	>V3 / >E4	96351
Rail+cyclic 12V190A ZY	12	230 (190)	1080	Drive / traction and lightning EXTRA ROBUST	518 x 273 x 242	3	1	B00	63	>V3 / >E4	96801
Designation	Voltage V	Capacity Ah C ₂₀ (C ₅)	Dimensions in mm (L x W x H)	Housing	Endpoletype	Baseboard	Weight kg				
TRIMAXX Rail+ High Capacity											
12V80 HC (HL3)	12	95 (80)	353 x 175 x 190	PP optional HL 3	Cone pin (+)(-)	with	27,4				
12V87 HC (HL3)	12	100 (87)	308 x 172 x 232	PP optional HL3	Cone pin (+)(-) and Screw pin 5/16"	without	29,0				
12V92 HC (HL3)	12	110 (92)	330 x 172 x 236	PP optional HL3	Cone pin (+)(-) and Screw pin 5/16"	without	30,0				
12V96 HC (HL3)	12	115 (96)	330 x 172 x 236	PP optional HL3	Cone pin (+)(-) and Screw pin 5/16"	without	33,0				
12V105 FT HC (HL3)	12	120 (110)	541 x 125 x 217	PP optional HL3	Front terminal	without	39,0				
12V200 HC (HL3)	12	235 (200)	524 x 213 x 242	PP optional HL3	Cone pin (+)(-) and Screw pin 3/8"	without	63,0				
12V240 HC (HL3)	12	280 (240)	552 x 275 x 242	PP optional HL3	Cone pin (+)(-) and Screw pin 3/8"	without	78,0				
6V195 HC (HL3)	6	230 (195)	244 x 189 x 274	PP optional HL3	Cone pin (+)(-)	without	31,0				



TRIMAXX Rail+ Cyclic

The robust basic types for solid energy

- ▀ Antimony/Antimony technology
- ▀ Vibration and cycle resistant
- ▀ Particularly durable
- ▀ Pocket separators for demanding requirements



TRIMAXX Rail+ Cyclic ZY

When others run out of breath

- ▀ Special development for the railway sector
- ▀ Glass mat technology for particularly demanding requirements
- ▀ Better maintenance-free due to special alloy
- ▀ High energy content and improved voltage level
- ▀ Increased lead insert weight
- ▀ Increased temperature resistance
- ▀ Particularly durable
- ▀ Extra robust

Trimaxx Rail+ cyclic / Rail+ cyclic ZY:

- ▀ Vibration resistance acc. to EN 50342
- ▀ V3 = 20h / 6g
- ▀ >V3 = 40h / 6g
- ▀ Cycle resistance acc. to EN 50342
- ▀ E4 = 400 cycles
- ▀ >E4 = >400 cycles



TRIMAXX Rail+ High Capacity

The latest technology in a nutshell

- ▀ Absolutely maintenance-free
- ▀ High-end-technology
- ▀ Up to 30 % higher capacities
- ▀ Significantly higher cycle stability
- ▀ Improved robustness against deep discharges
- ▀ Longer durability, operating time and energy reserves
- ▀ Extra robust



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