



Type no.	963 51	
Article no.	010963510101	
Standards	DIN EN 50342-1, 50342-4	
Application	Long-term discharge battery	
<b>Electrical data</b>		
Rated voltage	12V	
Rated capacity	135 Ah(K5), 180 Ah(K20), 195 Ah(K100)	
<b>Dimensions and weights</b>		
Box	B	
Length max.	513mm	
Width max.	223mm	
Box height max.	195mm	
Total height max.	220mm	
Battery weight	Ca. 47,5 kg (+/- 5 %)	
Electrolyte density	Approx. 1,28 kg/l	
Electrolyte	Diluted sulphuric acid	
Items/pallet	21	
Pallet ID	Euro pallet	
Items per layer	7	
<b>Features</b>		
Base hold-down	B00	
Layout	3	
Terminal	1	
Separator	PE bag separator with glass nonwoven	
Degassing	Battery with single degassing	
Flame arrester	Integrated	
<b>Maintenance 1)</b>		
Water consumption	> 4g/Ah	
Refill water	Distilled or demineralised (DIN 43530)	
Self-discharge	Approx. 9 % per month	
Charging current	Approx. 1/10 of the rated capacity	
Charging voltage 2)	max. 14,4 V	



1) All the listed values relate to room temperature +25° C

2) Recommendation with an external, voltage-regulated charge. Attention: Temperature compensation in case of deviation!

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