



Type no.	680 11	
Article no.	010680110101	
Standards	DIN EN 50342-1, 50342-4	
Application	Starter battery, high cranking current application	
Electrical data		
Rated voltage	12V	
Rated capacity	180 Ah (K20)	
Cold start current	1400 A (EN)	
Dimensions and weights		
Box	B	
Length max.	514mm	
Width max.	223mm	
Box height max.	195mm	
Total height max.	220mm	
Battery weight	Ca. 47,0 kg (+/- 5 %)	
Electrolyte density	Approx. 1,28 kg/l	
Electrolyte	Diluted sulphuric acid	
Items/pallet	21	
Pallet ID	Euro pallet	
Items per layer	7	
Features		
Base hold-down	B00	
Layout	3	
Terminal	1	
Separator	PE bag separator	
Degassing	Battery with central degassing	
Flame arrester	Integrated	
Performance identification	W4 - C2 - V3 - E2	
Maintenance 1)		
Water consumption	W4	
Refill water	Distilled or demineralised (DIN 43530)	
Self-discharge	Approx. 3 % per month	
Charging current	Approx. 1/10 of the rated capacity	
Charging voltage 2)	max. 14,8 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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