


TECHNICAL DATA SHEET



Type no.		680 89	
Article no.		010680890101	
Standards		DIN EN 50342-1, 50342-4	
Application		Starter battery	
Electrical data			
Rated voltage		12V	
Rated capacity		180 Ah (K20)	
Cold start current		950 A (EN)	
Dimensions and weights			
Box	BMAC154		
Length max.	510mm		
Width max.	216mm		
Box height max.	205mm		
Total height max.	225mm		
Battery weight	Ca. 46,0 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		B03	
Layout		4	
Terminal		1	
Separator		PE bag separator	
Degassing		Battery with central degassing	
Flame arrester		Not integrated	
Performance identification		W4 - C2 - V2 - E1	
Maintenance ¹⁾			
Water consumption		W4	
Refill water		Distilled or demineralised (DIN 43530)	
Self-discharge		Approx. 5 % 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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