



TECHNICAL DATA SHEET

Type no.	680 89
Article no.	010680890101
Standards	DIN EN 50342-1, 50342-2
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	B3
Layout	4
Terminal	1
Separator	PE bag separator
Degassing	Battery with central degassing
Flame arrester	Not integrated
Maintenance ¹⁾	
Water consumption	< 1,5g/Ah
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



Symbolpicture

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

²⁾ Recommendation with an external, voltage-regulated charge

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