

TECHNICAL DATA SHEET



Type no.		SHD 610 40	
Article no.		018610400101	
Standards		DIN EN 50342-1, 50342-4	
Application		Starter battery	
Electrical data			
Rated voltage		12V	
Rated capacity		110 Ah (K20)	
Cold start current		760 A (EN)	
Dimensions and weights			
Box	AMAC110		
Length max.	514mm		
Width max.	175mm		
Box height max.	210mm		
Total height max.	210mm		
Battery weight	Ca. 33,0 kg (+/- 5 %)		
Electrolyte density		Approx. 1,28 kg/l	
Electrolyte		Diluted sulphuric acid	
Items/pallet		24	
Pallet ID		Euro pallet	
Items per layer		8	
Features			
Base hold-down		B3	
Layout		3	
Terminal		1	
Separator		PE bag separator with glass nonwoven	
Degassing		Battery with central degassing	
Flame arrester		Integrated	
Performance identification		W3 - C2 - V3 - E3	
Maintenance ¹⁾			
Water consumption		W3	
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!

1 Document DBTBAT00339 prepared on 2018-04-01 ; Rights relating to changes and errors retained.
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