


# TECHNICAL DATA SHEET



Type no.		P50 41	
Article no.		013550410101	
Standards		DIN EN 50342-1, 50342-2	
Application		Starter battery	
Electrical data			
Rated voltage		12V	
Rated capacity		50 Ah (K20)	
Cold start current		420 A (EN)	
Dimensions and weights			
Box	D20		
Length max.	202mm		
Width max.	173mm		
Box height max.	202mm		
Total height max.	225mm		
Battery weight	Ca. 13,5 kg (+/- 5 %)		
Electrolyte density		Approx. 1,28 kg/l	
Electrolyte		Diluted sulphuric acid	
Items/pallet		66	
Pallet ID		Euro pallet	
Items per layer		22	
Features			
Base hold-down		B07	
Layout		0	
Terminal		1	
Separator		PE envelope separator	
Degassing		Battery with central degassing	
Flame arrester		Integrated	
Performance identification		W4 - C2 - V2 - E1	
Maintenance <sup>1)</sup>			
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 <sup>2)</sup>		max. 14,8 V	

<sup>1)</sup> All the listed values relate to room temperature +25° C

<sup>2)</sup> 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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