

# TECHNICAL DATA SHEET



Type no.	SHD PRO 680 08	
Article no.	018680080101	
Standards	DIN EN 50342-1, 50342-4	
Application	Starter battery	
<b>Electrical data</b>		
Rated voltage	12V	
Rated capacity	180 Ah (K20)	
Cold start current	1000 A (EN)	
<b>Dimensions and weights</b>		
<b>Box</b>	<b>B</b>	
Length max.	513mm	
Width max.	223mm	
Box height max.	195mm	
Total height max.	220mm	
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	
<b>Features</b>		
Base hold-down	B00	
Layout	3	
Terminal	1	
Separator	PE bag separator with glass nonwoven	
Degassing	Battery with central degassing	
Flame arrester	Integrated	
Performance identification	W4 - C2 - V3 - E3	
<b>Maintenance <sup>1)</sup></b>		
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 <sup>2)</sup>	max. 14,4 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!