

### TECHNICAL DATA SHEET

<b>Type no.</b>	<b>DP 180 SHD</b>	
<b>Article no.</b>	018680080801	
<b>Standards</b>	DIN EN 50342-1,50342-2	
<b>Application</b>	Starter battery	
<b>Electrical data</b>		
<b>Rated voltage</b>	12V	
<b>Rated capacity</b>	180 Ah (K20)	
<b>Cold start current</b>	1000A (EN)	
<b>Dimensions and weights</b>		
<b>Box</b>	<b>B</b>	
<b>Length max.</b>	514mm	
<b>Width max.</b>	223mm	
<b>Box height max.</b>	195mm	
<b>Total height max.</b>	195mm	
<b>Battery weight</b>	Ca. 45,0 kg (+/- 5 %)	
<b>Electrolyte density</b>	Approx. 1,28 kg/l	
<b>Electrolyte</b>	Diluted sulphuric acid	
<b>Items/pallet</b>	21	
<b>Pallet ID</b>	Euro pallet	
<b>Items per layer</b>	7	
<b>Features</b>		
<b>Base hold-down</b>	B00	
<b>Layout</b>	3	
<b>Terminal</b>	1	
<b>Separator</b>	PE bag separator with glass nonwoven	
<b>Degassing</b>	Battery with central degassing	
<b>Flame arrester</b>	Available	
<b>Maintenance 1)</b>		
<b>Water consumption</b>	< 1,5g/Ah	
<b>Refill water</b>	Distilled or demineralised (DIN 43530)	
<b>Self-discharge</b>	Approx. 5 % per month	
<b>Charging current</b>	Approx. 1/10 of the rated capacity	
<b>Charging voltage 2)</b>	max. 14,4 V	

Symbolpicture

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

2) Recommendation with an external, voltage-regulated charge

