

### TECHNICAL DATA SHEET

<b>Type no.</b>	<b>DS 88</b>	
<b>Article no.</b>	010588200801	
<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>	88 Ah (K20)	
<b>Cold start current</b>	660 A (EN)	
<b>Dimensions and weights</b>		
<b>Box</b>	LB5	
<b>Length max.</b>	354mm	
<b>Width max.</b>	175mm	
<b>Box height max.</b>	175mm	
<b>Total height max.</b>	175mm	
<b>Battery weight</b>	Ca. 20,5 kg (+/- 5 %)	
<b>Electrolyte density</b>	Approx. 1,28 kg/l	
<b>Electrolyte</b>	Diluted sulphuric acid	
<b>Items/pallet</b>	48	
<b>Pallet ID</b>	Euro pallet	
<b>Items per layer</b>	12	
<b>Features</b>		
<b>Base hold-down</b>	B13	
<b>Layout</b>	0	
<b>Terminal</b>	1	
<b>Separator</b>	PE bag separator	
<b>Degassing</b>	Battery with central degassing	
<b>Flame arrester</b>	Available	
<b>Maintenance 1)</b>		
<b>Water consumption</b>	< 1g/Ah	
<b>Refill water</b>	Distilled or demineralised (DIN 43530)	
<b>Self-discharge</b>	Approx. 3 % per month	
<b>Charging current</b>	Approx. 1/10 of the rated capacity	
<b>Charging voltage 2)</b>	max. 14,8 V	



Symbolpicture

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

2) Recommendation with an external, voltage-regulated charge

