

## General informations

Battery name	180B
Product Range	Fortis - HD (Heavy Duty)
European Type No. (ETN)	680.089.100
Polarity	DX
Technology	Flooded
Application	SLI
Standard ref.	EN 50342-1; EN 50342-4



Battery with low self-discharge and maintenance-free thanks to the use of Ca/Ca technology in the production of the plates. High resistance to vibrations and stress. The HD\* version boasts outstanding resistance to charge/discharge cycles. Owing to the use of glass fiber separators.

## General characteristics

Voltage (V)	12
Capacity 20h (Ah)	180
Cold cranking Amps (CCA), EN (A)	1,000
Energy at 20hrs rate and 25C (Wh)	2,151
Cranking Power 10" at -18°C (KW)	7,8

Dimensional group	B
Sizes (LxWxH) (mm)	513 x 223 x 223
Base Hold-Down	B3
Lay-out/Terminals	4 / 1
Battery weight $\pm$ 5% (kg)	42,5

## Container

Material	PP/PE
Colour	Black
Cell width	78,5

Prism height	0
Hold down	B3

## Lid

Material	PP/PE
Colour	Black
Flame Arrestor	No

Labyrinth	No
Magic Eye	No

## Plugs

Material	PP/PE
Type	M27

Colour	Black
OR	No

## Plates

	Positive	Negative
Plates number	11	12
Plates size (WxH) (mm)	144x136	
Plates thickness (mm)	1,95	1,75
Lead alloy (grid)	PbCaSn	PbCaSn

## Electrolyte

Height over the plates (mm)	24±2
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Specific gravity ±0.01 (g/cm <sup>3</sup> )	1,285
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## Separator

Thickness (mm)	1,60
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Type	PE Envelope with glass fiber
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## Battery Weight

Acid weight (kg)	15,7
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Battery weight ± 5% (kg)	42,5
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## Order information

Quantity per pallet	28
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## Drawings

Lay-out	Base hold down	Terminals type
		