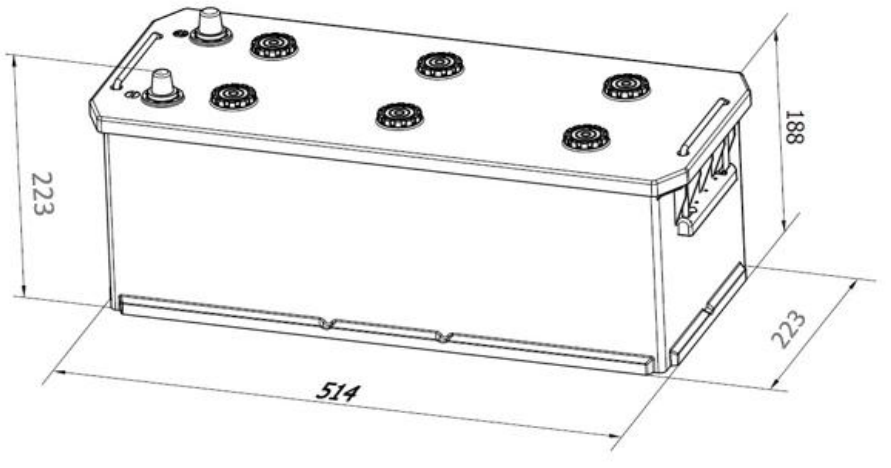
Technical data sheet
Starter battery

Battery type	12V 190Ah +L Tipo B	Product code	EM1903

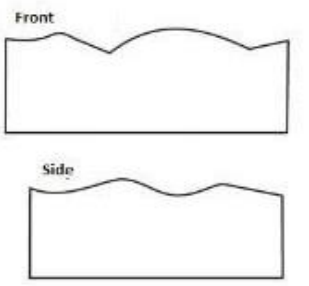
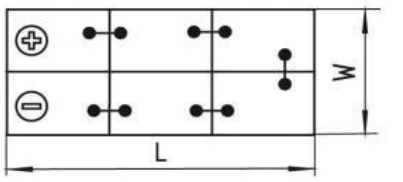
Specification	
Nominal voltage	12 V
Capacity (C20)	190 Ah at 25°C to 10,5V
Cold cranking current (EN 18°C)	1200 A
Cold cranking current (DIN 18°C)	720 A
Weight	43.2 kg ± 5%
Technology	Flooded/SLI

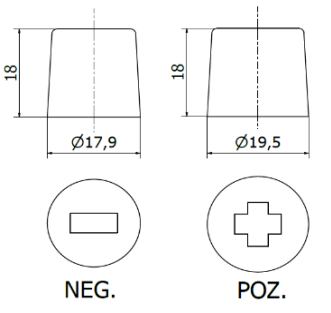
Overall dimensions	
Length	514 +0/-4 mm
Width	218 +0/-2 mm
Height	212 +0/-3 mm
Base hold-down	B00
Layout	3
Terminal type	1
Container material	PP
Box color	Black
Lid color	Black
Plug	M 27

Electrolyte	
Electrolyte type	H_2SO_4
Electrolyte spec density at 25°C	1.28 ± 0.01 g/cm3



Cell properties	
Grid prod. technology	**Punched**
+ grid alloy	PbCa
(-) grid	
Grid prod. technology	**Continuous casting**
- grid alloy	PbCa
Separator	
Type	PE
Thickness	1.4 mm

Drawings	
Base hold-down	**Layout**
	

Terminal type	Key characteristics
	Water consumption W4 Vibration level V3 Endurance level E1 Charge retention C2 Conform EN 50342/1

Fabricado en **C.E.** según las normas **ISO 9001 – ISO 14001 e I.P.P.C**.

Date: 01/01/2025