

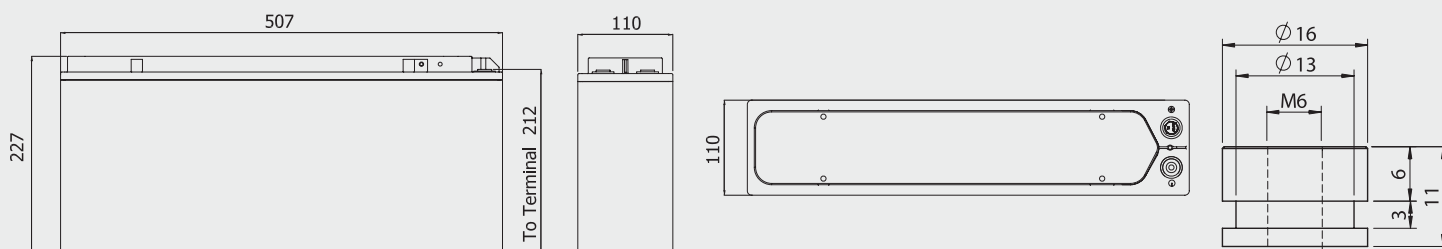


VRLA Battery **STB 100 FA GEL**

Specifications	Nominal Voltage	12 V				
	Rated Capacity (20 °C)	20hr Rate (1,80V/cell)	10hr Rate (1,80V/cell)	5hr Rate (1,70V/cell)	1hr Rate (1,60V/cell)	
		105 Ah	97,5 Ah	87,5 Ah	69,4 Ah	
	Dimensions (mm) & Weight (kg)	Length	Width	Height to terminal	Overall Height	Weight
		507 mm	110 mm	212 mm	227 mm	30,88 kg
	Number / Type of Terminals	2 / M6				

Technical Characteristics

Design Life at 20°C	12+ years
Eurobat Classification	Long Life
Internal Resistance (Fully charged - 20°C)	3,7 mΩ
Short-circuit current	2550 A
Max Charging Current	24 A
Min safe end Discharge Voltage	1,60 V/cell
Self discharge per month at 20°C	3%
Recommended Charging Voltage at 20°C	Stand-by use (V/cell): 2,25 to 2,30 Cycle use (V/cell): 2,40 to 2,50
Container Material	ABS-UL94 FVO
Electrolyte Type	Gelled Sulfuric Acid
Type of plates / Alloy	Flat plates / Lead-Calcium-Tin alloy
Type of Separator	Microporous Duroplastic GEL
Valve Type / Operational Pressure	Rubber / 1-3 psi (70-200 mbar)
Operating Temperature Range	-20 to +50°C
Storage time at 20°C	9 months
Gas Collection System	Central Degassing on Request



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