



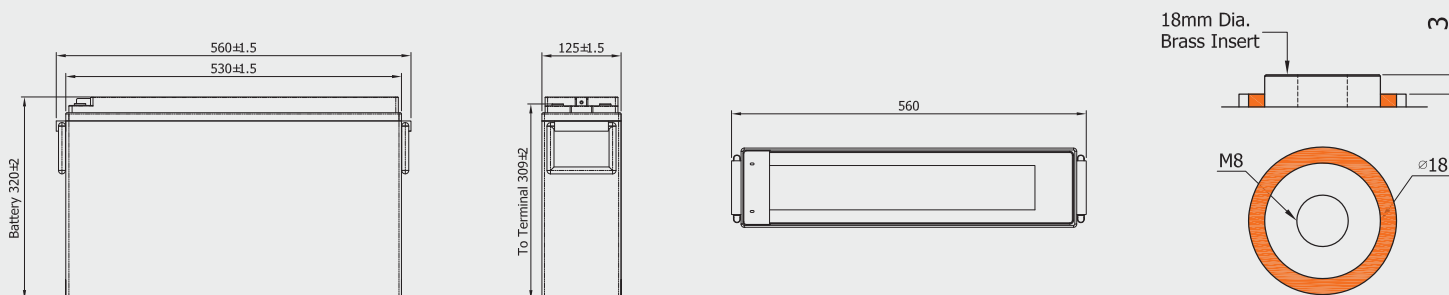
# VRLA Battery **STB 170 FA**

## Specifications

<b>Nominal Voltage</b>	<b>12 V</b>				
<b>Rated Capacity (20 °C)</b>	<b>20hr Rate (1,80V/cell)</b>	<b>10hr Rate (1,80V/cell)</b>	<b>5hr Rate (1,70V/cell)</b>	<b>1hr Rate (1,60V/cell)</b>	
	194 Ah	180 Ah	165 Ah	130 Ah	
<b>Dimensions (mm) &amp; Weight (kg)</b>	<b>Length</b>	<b>Width</b>	<b>Height to terminal</b>	<b>Overall Height</b>	<b>Weight</b>
	560 mm	125 mm	307 mm	320 mm	59,5 kg
<b>Number / Type of Terminals</b>	<b>2 / M8</b>				

## Technical Characteristics

<b>Design Life at 20°C</b>	12+ years
<b>Eurobat Classification</b>	Long Life
<b>Internal Resistance (Fully charged - 20°C)</b>	3,1 mΩ
<b>Short-circuit current</b>	2900 A
<b>Max Charging Current</b>	45 A
<b>Min safe end Discharge Voltage</b>	1,60 V/cell
<b>Self discharge per month at 20°C</b>	3%
<b>Recommended Charging Voltage at 20°C</b>	Stand-by use (V/cell): 2,25 to 2,30 Cycle use (V/cell): 2,40 to 2,45
<b>Container Material</b>	ABS-UL94 FVO
<b>Electrolyte Type</b>	Sulfuric Acid
<b>Type of plates / Alloy</b>	Flat plates / Lead-Calcium-Tin alloy
<b>Type of Separator</b>	Absorbant Glass Mat
<b>Valve Type / Operational Pressure</b>	Rubber / 1-3 psi (70-200 mbar)
<b>Operating Temperature Range</b>	-20 to +50°C
<b>Storage time at 20°C</b>	9 months
<b>Gas Collection System</b>	Central Degassing on Request



### SYSTEMS SUNLIGHT S.A.

#### Headquarters

23<sup>rd</sup> km. National Road Athens-Lamia  
145 65 Ag. Stefanos Attica, Greece  
Tel.: +30 210 6245400  
Fax: +30 210 6245409

#### Manufacturing Plant

Neo Olvio  
67 200 Xanthi, Greece  
Tel.: +30 25410 48100  
Fax: +30 25410 95446

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