

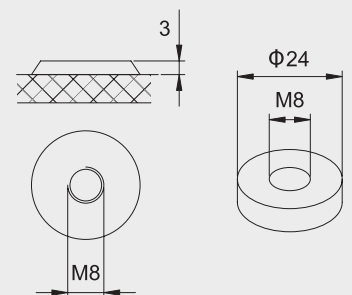
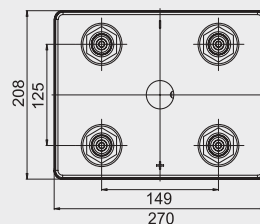
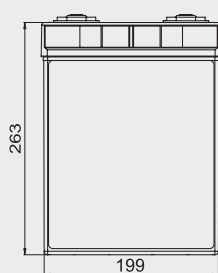
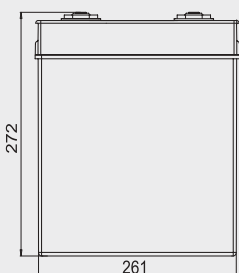


# VRLA Battery **SVTX 500**

<b>Specifications</b>	<b>Nominal Voltage</b>	2 V				
	<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>	
		520 Ah	500 Ah	458,5 Ah	336 Ah	
	<b>Dimensions (mm) &amp; Weight (kg)</b>	<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Overall Height</b>	<b>Weight</b>
		208 mm	270 mm	263 mm	272 mm	32,5 kg
	<b>Number / Type of Terminals</b>	4 / M8				

## Technical Characteristics

<b>Design Life at 20°C</b>	15 years
<b>Eurobat Classification</b>	Long Life
<b>Internal Resistance (Fully charged -25°C)</b>	0,19 mΩ
<b>Short-circuit current</b>	11000 A
<b>Max Charging Current</b>	150 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 2,50
<b>Container Material</b>	ABS-UL94 HB
<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



**GERMANOS S.A.**  
23<sup>rd</sup> klm. National Road Athens-Lamia  
145 65 Ag. Stefanos Attica, Greece  
Tel.: +30 210 6242000  
Fax: +30 210 6216911

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

 **SUNLIGHT**  
creating energy  
www.sunlight.gr