

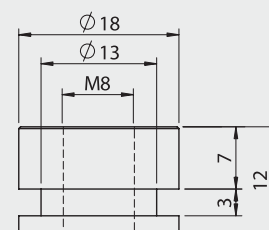
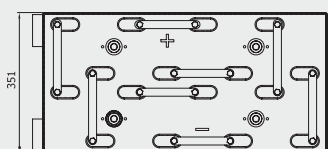
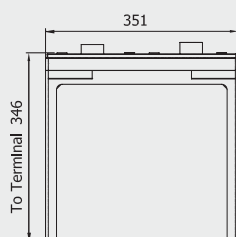
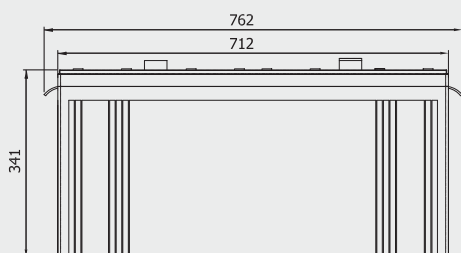


# VRLA Battery **SVT 3000**

<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>	
		3300 Ah	3000 Ah	2775 Ah	2070 Ah	
	<b>Dimensions (mm) &amp; Weight (kg)</b>	<b>Length</b>	<b>Width</b>	<b>Height</b>	<b>Overall Height</b>	<b>Weight</b>
		712 mm	351 mm	341 mm	382 mm	211 kg
	<b>Number / Type of Terminals</b>	8 / M8				

## Technical Characteristics

<b>Design Life at 20°C</b>	15 years
<b>Eurobat Classification</b>	Long Life
<b>Internal Resistance (Fully charged - 20°C)</b>	0,08 mΩ
<b>Short-circuit current</b>	24100 A
<b>Max Charging Current</b>	600 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



**SUNLIGHT SYSTEMS S.A.**  
**Headquarters**  
 23rd km. N.R. Athens-Lamia  
 145 65 Ag. Stefanos, Attica, Greece  
 Tel.: +30 210 6242000  
 Fax: +30 210 6216911

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

 **SUNLIGHT**  
 creating energy  
[www.sunlight.gr](http://www.sunlight.gr)