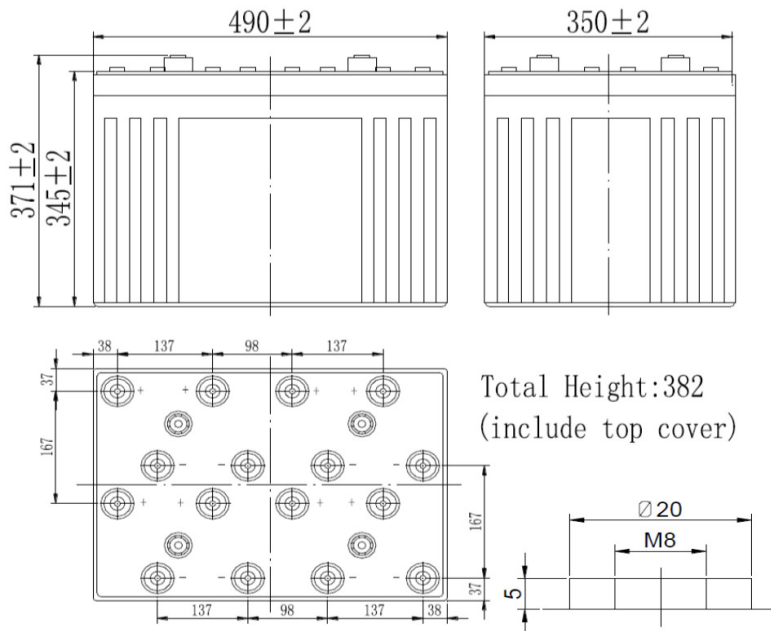


SUNLIGHT SVT 2V - 2000Ah

AGM VRLA Battery

Features & Benefits

- Non-spillable maintenance free product
- High Quality and High Reliability
- Wide range of operating temperature
- Fast and easy installation
- Low self discharge
- Long service life, float or cyclic applications
- Female M8 brass terminals
- IEC 60896-21 & 22, EN 50272-2 compliant
- Can be mounted in any orientation (not upside down)
- Fully recyclable product



Specifications

Nominal Voltage	2 V	
Number of cells	1	
Design Floating Life (20°C)	15 years	
Dimensions	Length	490 mm
	Width	350 mm
	Height	345 mm
	Total Height	382 mm
Weight		124 kg
	10 hours rate (1.80)	2000 Ah
	5 hours rate (1.75)	1780 Ah
Nominal Capacity (25°C)	1 hour rate (1.65)	1182 Ah
Internal Resistance (fully charged, 25°C)	0.18 mOhm	
Self Discharge	approx. 3% per month at 25°C	
Nominal Operating Temperature	25°C	
Operating Temperature range	Discharge	-15°C to 50°C
	Charge	-10°C to 50°C
	Storage	-20°C to 50°C
	2.25 to 2.30 V/cell at 25°C	
Float Charging Voltage	Temperature compensation -18mV/°C	
Maximum charging current	400 A	
Maximum discharge current	11000 A (5 sec.)	

Performance Data

Discharge Constant Current at 25°C (Amperes)

End Voltage V/cell	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60 V	1800	1200	731	520	418	363	312	245	204	107	92.6
1.65 V	1764	1182	726	517	416	361	310	243	203	107	92.5
1.70 V	1710	1152	720	514	413	358	308	242	203	106	92.2
1.75 V	1669	1129	709	510	410	356	306	240	201	106	91.6
1.80 V	1607	1094	691	495	398	345	297	233	200	105	91.0

Discharge Constant Power at 25°C (Watts)

End Voltage V/cell	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60 V	3366	2280	1410	1020	820	715	615	487	405	214	186
1.65 V	3299	2246	1402	1014	815	711	611	484	404	213	186
1.70 V	3198	2189	1390	1007	809	706	607	481	403	213	185
1.75 V	3120	2145	1369	1000	804	701	603	478	401	211	184
1.80 V	3006	2079	1334	970	779	680	585	463	398	210	183

Note: The above characteristics data can be obtained within three charge/discharge cycles.