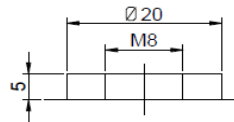
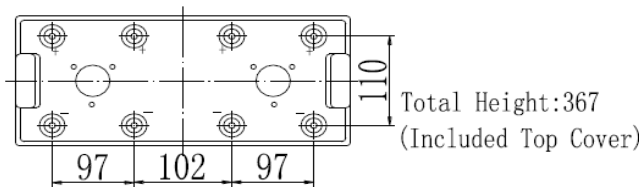
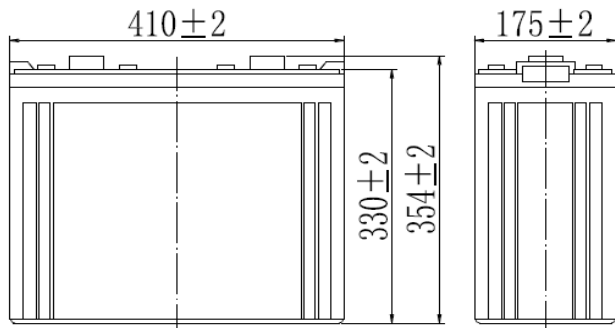


# SUNLIGHT SVT 2V - 800Ah

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	410 mm
	Width	175 mm
	Height	330 mm
	Total Height	367 mm
Weight	48.5 kg	
	10 hours rate (1.80)	800 Ah
	5 hours rate (1.75)	710 Ah
Nominal Capacity	1 hour rate (1.65) 473 Ah	
	Internal Resistance (fully charged, 25°C) 0.35 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
Float Charging Voltage	2.25 to 2.30 V/cell at 25°C	
	Temperature compensation -18mV/°C	
Maximum charging current	160 A	
Maximum discharge current	5500 A (5 sec.)	

## Performance Data

### Discharge Constant Current at 25°C (Amperes)

End Voltage V/cell	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60 V	1080	720	480	292	208	167	145	125	97.9	81.4	42.8	37.1
1.65 V	1054	706	473	291	207	166	144	124	97.3	81.3	42.7	37.0
1.70 V	1015	684	461	288	205	165	143	123	96.7	81.0	42.5	36.9
1.75 V	981	667	452	284	204	164	142	122	96.0	80.6	42.3	36.7
1.80 V	929	643	438	276	198	159	138	119	93.1	80.0	42.0	36.4

### Discharge Constant Power at 25°C (Watts)

End Voltage V/cell	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	24h
1.60 V	1976	1346	912	564	408	328	286	246	195	162	85.5	74.5
1.65 V	1929	1319	898	561	405	326	284	245	194	162	85.3	74.3
1.70 V	1858	1279	876	556	403	324	282	243	192	161	85.1	74.1
1.75 V	1795	1248	858	548	400	321	281	241	191	160	84.6	73.7
1.80 V	1700	1202	832	534	388	312	272	234	185	159	84.0	73.2

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