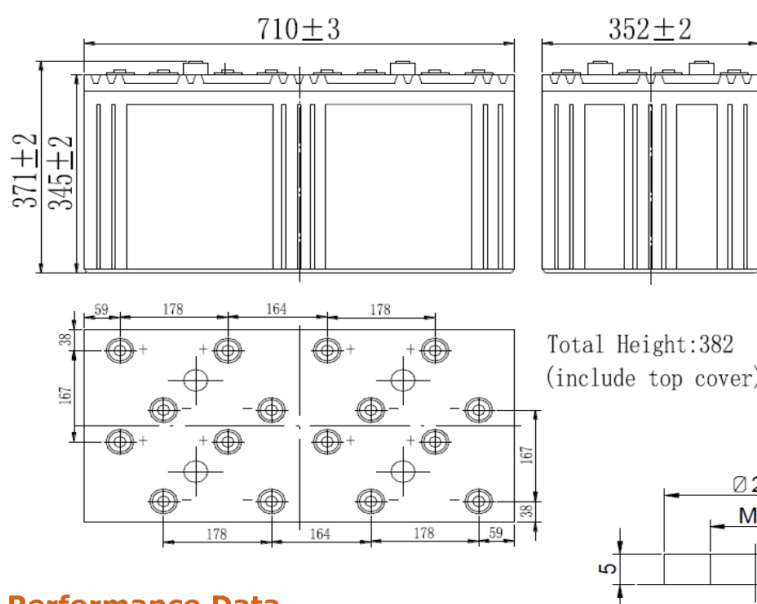


SUNLIGHT SVT 2V - 3000Ah

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	710 mm
	Width	352 mm
	Height	345 mm
	Total Height	382 mm
Weight		190 kg
	10 hours rate (1.80)	3000 Ah
	5 hours rate (1.75)	2670 Ah
Nominal Capacity	1 hour rate (1.65)	1773 Ah
	Internal Resistance (fully charged, 25°C)	
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		600 A
Maximum discharge current		15000 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	2700	1800	1096	780	627	545	468	367	305	160	139
1.65 V	2646	1773	1090	776	624	541	465	365	305	160	139
1.70 V	2565	1728	1080	770	619	538	462	363	304	160	138
1.75 V	2503	1694	1064	765	615	534	459	360	302	159	137
1.80 V	2411	1642	1037	742	597	518	445	349	300	158	137

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	5049	3420	2116	1529	1230	1073	922	731	608	321	279
1.65 V	4948	3369	2103	1520	1222	1067	917	726	607	320	279
1.70 V	4797	3283	2084	1510	1214	1059	911	721	605	319	278
1.75 V	4680	3218	2053	1499	1205	1052	904	716	601	317	276
1.80 V	4509	3119	2001	1454	1169	1020	877	695	597	315	274

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