SBS®
STORAGE BATTERY SYSTEMS, LLC

STT Series-Tubular Flooded Batteries

STT2V2000 (2V2340AH)

Specifications

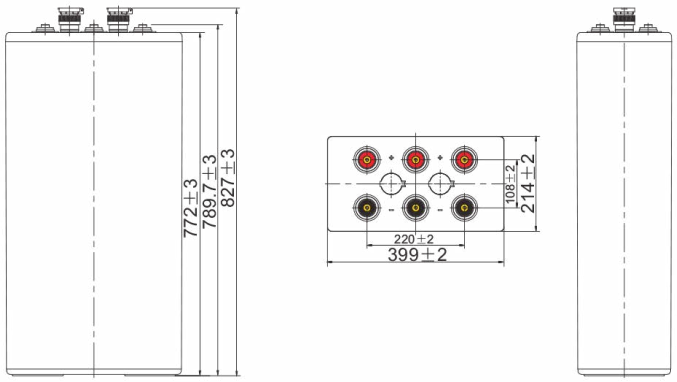
Nominal Voltage	2V
Nominal Capacity @ 77˚F (25˚C)	2340 AH (8 hr. to 1.75 V/cell) 2710 AH (48 hr. to 1.80 V/cell) 2972 AH (120 hr. to 1.85 V/cell) 3065 AH (240 hr. to 1.85 V/cell)
Length **Width** **Height (with vent cap)**	8.35 inches (212mm) 15.7 inches (399mm) 32.6 inches (828mm)
Weight	Without Electrolyte 242 lb. (109.8kg) With Electrolyte 330 lb. (149.7kg)
Electrolyte / Cell	88.0 lb. (39.9kg) 8.5 gallons
Container & Cover Material	Styrene-acrylonitrile (SAN), Impact Resistant
Positive Plate Construction	Lead-Selenium / Low Antimony Tubular
Negative Plate Construction	Pasted Flat Radial
Post Design	Leak-Proof with Brass Insert
Hardware / Torque Rating	M10 / 180–221 in. lb.
Preferred Operating Temp.	68˚ to 77˚F (20˚ to 25˚C)
Operating Temp. Range	-4˚ to 130˚F (-15˚ to 55˚C)
Internal Resistance	Approx. 0.28mΩ
Short Circuit Current	12600 Amps
Float Voltage	2.23V at 77˚F (25˚C)
Equalize Voltage	2.33 to 2.40V at 77˚F (25˚C)
Max. Charge Current Allowed	600 Amps
Self Discharge	The STT Series batteries may be stored for up to 6 months at 77˚F (25˚C) and then a freshening charge is required. For higher temperatures the time interval will be shorter.

Applications

- Utility
- Telecommunications
- Solar/Photovoltaic
- Oil and gas
- Railways

Constant Current Discharge (Amperes) at 77˚F (25˚C)

F.V/Time	15 min	30 min	1 hr	1.5 hr	2 hr	3 hr	4 hr	5 hr	6 hr	8 hr	10 hr	20 hr	24 hr	48 hr	72 hr	100 hr
1.70V/cell	1524	1308	1007	835	716	561	464	399	349	283	236	133	–	–	–	–
1.75V/cell	1277	1118	907	771	672	537	448	385	341	293	231	130	–	–	–	–
1.80V/cell	1050	954	803	696	617	502	422	367	324	263	221	126	108.32	59.61	41.42	30.60
1.83V/cell	917	838	722	637	568	467	396	346	307	250	210	118	104.58	58.02	40.46	29.96
1.85V/cell	833	769	670	591	528	437	372	324	289	238	201	112	101.02	56.45	39.51	29.33



All product specifications and data are subject to change without notice.

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