

STT Series-Tubular Flooded Batteries

STT2V2500 (2V2920AH)

Specifications	
Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	2920 AH (8 hr. to 1.75 V/cell) 3696 AH (48 hr. to 1.80 V/cell) 4076 AH (120 hr. to 1.85 V/cell) 4217 AH (240 hr. to 1.85 V/cell)
Length	8.35 inches (212mm)
Width	19.2 inches (488mm)
Height (with vent cap)	32.6 inches (828mm)
Weight	Without Electrolyte 308 lb. (139.7kg) With Electrolyte 418 lb. (189.6kg)
Electrolyte / Cell	110 lb. (49.9kg) 10.6 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. 0.24mΩ
Short Circuit Current	14450 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	750 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.



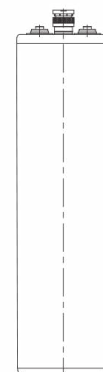
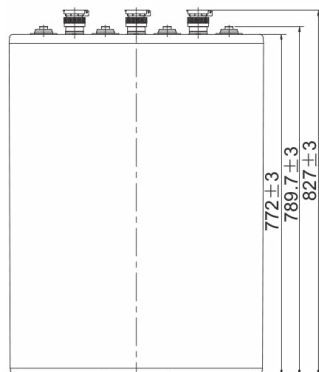
Applications

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

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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	2039	1741	1339	1112	955	743	610	519	456	370	308	174	—	—	—	—
1.75V/cell	1703	1490	1210	1030	895	714	592	504	445	365	301	170	—	—	—	—
1.80V/cell	1399	1272	1071	929	822	664	557	480	424	344	288	163	146.23	80.93	56.41	41.77
1.83V/cell	1223	1118	963	849	757	618	521	451	400	327	274	155	141.61	78.95	55.20	40.96
1.85V/cell	1110	1026	893	788	705	578	488	424	378	311	262	146	137.12	76.99	54.02	40.17



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