

STT Series-Tubular Flooded Batteries

STT2V2250 (2V2630AH)

Specifications

Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	2630 AH (8 hr. to 1.75 V/cell) 3419 AH (48 hr. to 1.80 V/cell) 3780 AH (120 hr. to 1.85 V/cell) 3917 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 275 lb. (124.8kg) With Electrolyte 405 lb. (183.7kg)
Electrolyte / Cell	130.0 lb. (59.0kg) 13.1 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. 0.25mΩ
Short Circuit Current	16200 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	675 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.



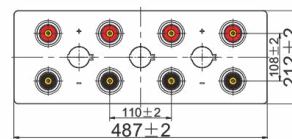
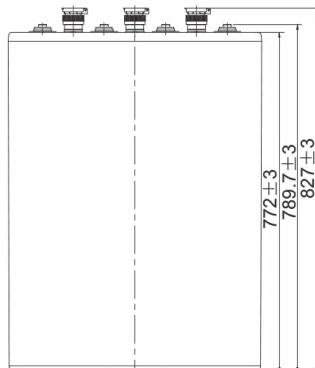
Applications

- 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	1835	1567	1205	1001	559	668	549	467	411	333	277	157	—	—	—	—
1.75V/cell	1533	1341	1089	927	806	643	533	454	401	329	271	153	—	—	—	—
1.80V/cell	1259	1145	964	836	740	598	502	432	382	310	260	146	137.83	74.78	52.18	38.67
1.83V/cell	1100	1006	867	764	681	556	469	406	360	294	247	139	130.66	73.00	51.10	37.94
1.85V/cell	999	923	804	709	634	520	439	382	340	280	235	132	126.59	71.23	50.03	37.23



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