

STT Series-Tubular Flooded Batteries

STT2V350 (2V395AH)

Specifications	
Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	395 AH (8 hr. to 1.75 V/cell) 498 AH (48 hr. to 1.80 V/cell) 553 AH (120 hr. to 1.85 V/cell) 574 AH (240 hr. to 1.85 V/cell)
Length	4.89 inches (124mm)
Width	8.11 inches (206mm)
Height (with vent cap)	20.7 inches (526mm)
Weight	Without Electrolyte 47.3 lb. (21.5kg) With Electrolyte 61.6 lb. (27.9kg)
Electrolyte / Cell	14.3 lb. (6.5kg) 1.4 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. 0.65mΩ
Short Circuit Current	3300 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	105 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.



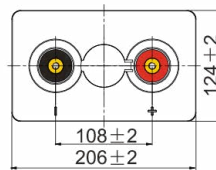
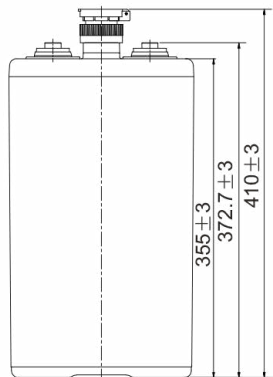
Applications

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

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

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	358	271	197	157	131	100	81.4	69.8	60.9	49.2	41.6	23.1	—	—	—	—
1.75V/cell	307	246	186	151	128	98.7	81.2	69.0	60.0	49.3	41.1	22.8	—	—	—	—
1.80V/cell	258	215	167	139	119	94.9	78.6	67.3	58.8	47.6	40.2	22.4	19.75	10.97	7.67	5.70
1.83V/cell	226	192	153	129	112	90.6	75.4	65.0	57.0	46.0	38.7	21.5	19.11	10.68	7.49	5.57
1.85V/cell	206	176	143	123	107	86.4	72.3	62.5	55.0	44.6	37.5	20.8	18.48	10.38	7.30	5.44



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