

STT Series-Tubular Flooded Batteries

STT2V1375 (2V1605AH)

Specifications

Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	1605 AH (8 hr. to 1.75 V/cell) 2064 AH (48 hr. to 1.80 V/cell) 2286 AH (120 hr. to 1.85 V/cell) 2369 AH (240 hr. to 1.85 V/cell)
Length	8.27 inches (210mm)
Width	10.9 inches (277mm)
Height (with vent cap)	33.5 inches (851mm)
Weight	Without Electrolyte 166.9 lb. (75.7kg) With Electrolyte 244 lb. (110.7kg)
Electrolyte / Cell	77.1 lb. (34.9kg) 7.8 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. 0.33mΩ
Short Circuit Current	8500 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	415 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.



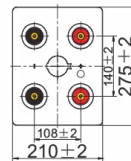
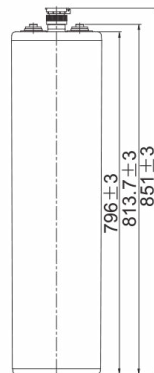
Applications

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

STT2V1375 (2V1605AH)

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	1124	954	738	613	524	409	335	286	251	203	169	95.4	—	—	—	—
1.75V/cell	937	820	666	566	492	391	325	277	245	201	165	93.2	—	—	—	—
1.80V/cell	769	700	589	511	452	365	306	263	233	189	159	89.9	81.56	45.26	31.59	23.41
1.83V/cell	672	615	530	466	416	340	286	248	220	179	150	85.4	78.86	44.13	30.90	22.95
1.85V/cell	611	565	491	433	387	318	269	233	208	171	144	80.7	76.26	43.00	30.22	22.51



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