

# STT Series-Tubular Flooded Batteries

STT2V1875 (2V2200AH)

Specifications	
Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	2200 AH (8 hr. to 1.75 V/cell) 2650 AH (48 hr. to 1.80 V/cell) 2921 AH (120 hr. to 1.85 V/cell) 3019 AH (240 hr. to 1.85 V/cell)
Length	8.35 inches (212mm)
Width	15.7 inches (399mm)
Height (with vent cap)	32.6 inches (828mm)
Weight	Without Electrolyte 226.6 lb. (102.8kg) With Electrolyte 328 lb. (148.8kg)
Electrolyte / Cell	101.4 lb. (46.0kg) 10.2 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. 0.29mΩ
Short Circuit Current	11500 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	565 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.



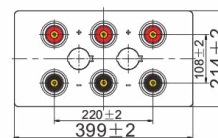
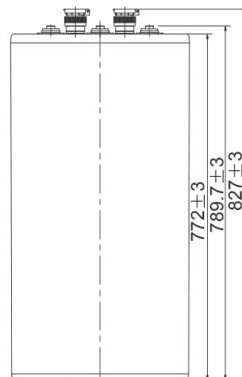
## Applications

- 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	1429	1226	944	783	671	526	435	374	327	266	221	125	—	—	—	—
1.75V/cell	1197	1048	850	723	630	503	420	361	320	275	216	122	—	—	—	—
1.80V/cell	984	894	753	653	578	470	396	344	304	246	208	118	105.46	58.26	40.56	30.01
1.83V/cell	859	786	677	597	532	437	371	324	288	235	197	111	101.84	56.73	39.64	29.39
1.85V/cell	781	721	628	554	495	409	349	304	271	223	188	105	98.36	55.21	38.72	28.79



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