

STT Series-Tubular Flooded Batteries

STT2V600 (2V660AH)

Specifications	
Nominal Voltage	2V
Nominal Capacity @ 77°F (25°C)	660 AH (8 hr. to 1.75 V/cell) 859 AH (48 hr. to 1.80 V/cell) 966 AH (120 hr. to 1.85 V/cell) 1006 AH (240 hr. to 1.85 V/cell)
Length	5.71 inches (145mm)
Width	8.11 inches (206mm)
Height (with vent cap)	27.6 inches (701mm)
Weight	Without Electrolyte 75.6 lb. (34.3kg) With Electrolyte 102 lb. (46.3kg)
Electrolyte / Cell	26.4 lb. (12.0kg) 2.6 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. 0.45mΩ
Short Circuit Current	4500 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	180 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.



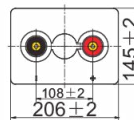
Applications

- 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	525	440	337	273	228	175	144	121	106	84.0	72.2	38.9	—	—	—	—
1.75V/cell	456	393	313	258	218	170	141	117	103	82.5	69.7	38.3	—	—	—	—
1.80V/cell	377	331	272	233	201	161	134	113	100	80.3	68.0	37.7	34.02	19.07	13.39	9.97
1.83V/cell	325	290	245	213	186	150	127	108	96.6	78.0	65.6	36.5	32.67	18.48	13.03	9.73
1.85V/cell	295	264	228	198	173	141	122	104	93.3	74.2	63.8	35.4	31.41	17.90	12.67	9.49



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