



ANTHEM

Safety for Electricity

Get
Charge *It Quick*
Run

AUTOMOTIVE
BATTERY

SOLAR
BATTERY

INVERTER
BATTERY



HIGH ENERGY
DENSITY



LOW
MAINTENANCE



SUPER RUGGED
CONTAINER



DEEP CYCLE
DESIGN

INDIA'S TRUSTED BATTERY BRAND



FEATURES :



EXTRA BACK UP

1. Excellent reserve capacity for long backup.
2. More current density, Max. AH efficiency.
3. Operating specific gravity 1.250 +/-0.005 at 27°C



LONG LIFE

1. Special tubular positive spines cast at high pressure 100 bar to enhance corrosion life under extreme situation.
2. Span life = 1200 Cycle



DEEP CYCLE

1. Consistent back-up high charge acceptance due to usage of PE separator.
2. Special additives for better charge acceptance & retention.



LOW MAINTENANCE

1. Special Alloy grids ensure low gassing and minimum water loss.
2. 20% Extra electrolyte for less topping & batter thermal Management.
3. Low internal resistance seal & leak proof.
4. Float indicators for electrolyte levels.

TECHNICAL SPECIFICATION

S.No	Model	Normal Volts	Rating Ah @C-20	Battery Dimensions in mm ± 3%				Battery Layout	Weight in kg ±3%	Charging Current (Amp.)
				Length	Width	Height	Height with float			

Tall Tubular Battery

1	AITT15000	12	120	505	190	405	465	L	53	13
2	AITT16500	12	150	505	190	405	465	L	55	14
3	AITT18000	12	160	505	190	405	465	L	57	16
4	AITT21000	12	180	505	190	405	465	L	58	18
5	AITT24000	12	200	505	190	405	465	L	63	20
6	AITT27000	12	220	505	190	405	465	L	66	22
7	AITT30000	12	240	505	190	405	465	L	69	24
8	AITT35000	12	260	505	190	405	465	L	72	25
9	AITT36500	12	280	505	190	405	505	L	74	27
10	AIHTT38000	12	290	505	190	445	505	L	77	27
11	AIHTT42000	12	320	505	190	445	505	L	81	30

Short Tubular Battery

12	AIST1250	12	50	365	190	260	295	L	22	5
13	AIST1350	12	75	410	175	285	310	L	28	8
14	AIST1450	12	120	505	220	290	310	L	39	12
15	AIST1600	12	135	505	220	290	310	L	41	13
16	AIST1800	12	150	505	220	290	310	L	43	14
17	AIST2000	12	165	505	220	290	310	L	46	15
18	AIST2500	12	180	515	270	290	310	L	54	16



FEATURES :

SOLAR BATTERIES

Specification

- Solar tubular Battery design as per IS 13369 & IEC 61427
- Designed for deep cyclic Solar Application Available in 12V & 2V Range.
- MNRE approved Product

Low Maintenance

- Special alloy grids ensure low gassing and minimum water loss.
- Low internal resistance, seal proof, leak proof
- Float indicators for Electrolyte level
- Factory Filled and initial Charged, Ready to install.

Environment friendly

- Save fuel and provide eco-friendly environment.
- Special design to make proper use of resources.
- Non-polluting and clean source of energy.

Deep Cycle

- Consistent back up high charge acceptance due to usage of quality PE separator.
- Special additives for better charge acceptance & Retention.

Extra Reserve

- Excellent Reserve Capacity as per C10
- Low Rate of Self Discharge.

ANTHEM

Safety for Electricity

LEAD ACID BATTERIES

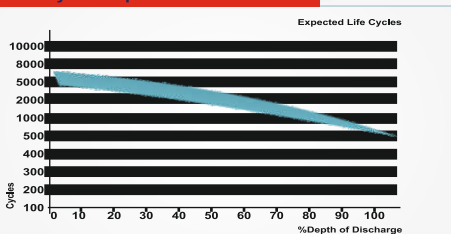


TECHNICAL SPECIFICATION

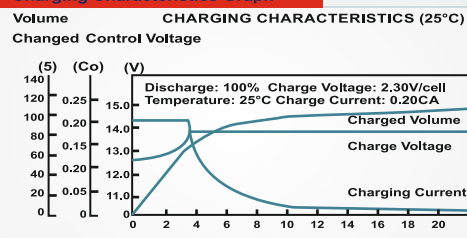
Sno	Model	Type	Rating Ah @ C-10	Battery Dimensions				Weight ±3%	Charging Current	Battery Layout
				Length ±5	Width ±5	Height ±5	Height with float ±5			
SHORT TUBULAR BATTERY										
1	ASXT500	ST50	20	260	170	230	245	14	2	L
2	ASXT700	ST100	40	410	175	245	270	23	4	L
3	ASJT1000	ST150	75	505	220	290	310	39	8	L
4	ASJT1350	ST150	100	505	220	290	310	41	12	L
5	ASJT1500	ST150	120	505	220	290	310	43	13	L
TALL TUBULAR BATTERY										
6	ASTT15000	ST150	135	505	190	405	465	55	14	L
7	ASTT16500	TT500	150	505	190	405	465	58	14	L
8	ASTT22000	TT500	200	505	190	405	465	63	20	L
9	ASTT25000	TT500	220	505	190	405	465	67	22	L
10	ASTT27500	TT500	240	505	190	405	465	71	25	L
11	ASHTT32000	TT700	260	505	190	445	505	77	27	L
12	ASHTT35000	TT700	280	505	190	445	505	81	30	L

ELECTRICAL SPECIFICATION

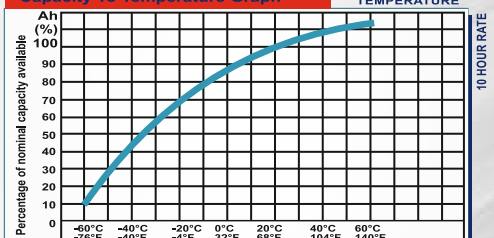
Life Cycle Graph At STC



Charging Characteristics Graph



Capacity To Temperature Graph



Features of ANTHEM Batteries

- ➔ Low maintenance Batteries made with premium and imported raw materials and alloys.
- ➔ Manufactured on a state of art and fully automatic assembly line.
- ➔ Ultra dependability, extremely long life, superb performance and complete peace of mind.
- ➔ Ultra low maintenance coupled with very few top-ups.

Advantages of ANTHEM Batteries

- ➔ Well-designed 'Positive Plates' provide maximum surface area for high power and voltage endurance.
- ➔ Special computerized design of the 'Negative Plates' provides perfect balance along with the positive, thus giving maximum performance.
- ➔ Fine pores of polyethylene envelopes separators help in the free electrolyte movement between the positive and the negative plates. Problems of internal short-circuits within the cell are also eliminated easily.

TECHNICAL SPECIFICATION

Model	Ah	L	W	H	"Charging Current"	"CCA SAE (AT-18C)"	"RC (Minutes)"	Application	Layout
35B20R	32	195	127	225	3	43	43	Car	R
38B20R	35	195	127	225	3	53	53	Car	R
65D20R	60	260	172	225	6	110	100	Car	R
75T	75	300	172	230	8	145	145	Tractor	L
80D26R	80	300	172	230	8	145	145	Car/SUV	R
88T	90	410	172	230	9	175	160	Tractor	L
95D31R	90	410	172	230	9	175	160	SUV/ Comm.Vehicles	R
100T	100	410	172	230	10	182	182	Tractor	L
105D31R	100	410	172	230	10	182	182	Truck	R
LA120	120	500	180	245	12	220	215	Bus / Truck	L
LA135	135	500	220	245	13	230	230	Bus / Truck	L
LA150	150	500	220	245	15	280	280	Bus / Truck	L
LA165	165	520	273	245	16	310	300	Bus / Truck	L
LA180	180	520	273	245	18	350	325	Bus / Truck	L
LA200	200	520	273	245	20	390	390	Bus / Truck	L

*Specifications are under continuous improvement. Subject to change without notice.



FAST
RECHARGE



LEAK-RESISTIVE
DESIGN



LONG LIFE
SPAN



EXCELLENT
CRANKING
POWER



MAINTENANCE
FREE



SUIT HIGH
TEMPERATURE
APPLICATIONS



IEC