BAISON POWER

ULTRA Low Maintenance Battery

CARBON TECHNOLOGY Inside

Solar Tubular Batteries

BAISON POWER

Infrastructure

Solar Tubular Batteries

BAISON POWER

Why should you choose a Tubular battery?

Tubular batteries are best fitted for long power backup requirements and have a longer service life. These batteries require minimum effort to maintain and need fewer water top-ups. They are more reliable and usually come with a longer warranty period compared to a flat plate battery. A tubular battery is more expensive and takes more space to store than a flat plate battery.

Tubular batteries come in various container sizes, and it should be selected based on the space available in the house to store the inverter battery. Also, the tubular battery price is affordable. They can be classified into short tubular (ST/TJ) and tall tubular (TT) batteries.

•Short tubular inverter battery is slightly smaller in height but wider than a tall tubular battery. It is easier to store and carry them.

•Tall tubular inverter battery is larger in height than a short tubular battery and a flat plate battery but lesser in width. A tall tubular battery always provides a slightly longer backup time and is preferred for homes where storage space is not a constraint.

- ✓ Superior Performance, High Reliability & Guaranteed service life
- ✓ Specially designed for arduous SPV application - Available in 12V, 6V & 2V ranges
- ✓ Intrinsically suited for regular deep cyclic duty - Superior Cycle Life
- ✓ Suit the rigors of Partial State of Charge operation
- ✓ Ultra-low maintenance
- ✓ Factory filled and charged 2V modular cells, easy handling, ready to install
- ✓ 12V LS ranges meet IS13369 & IEC 61427 specification
- ✓ 2V LT ranges meet IS1651 & IEC 61427 specification

- ✓ Good Electrical Performance.
- ✓ Adequate **Life**.
- ✓ Low Reserve Of Lead.
- ✓ Low Reserve Of Active Material.
- ✓ Sensitive To Active Material Shedding Which Shortens Cell **Life**.
- ✓ Sensitive To Top Bar Breakage With Significant Loss Of Plate Area.
- ✓ Sensitive To Spines Being Off Center Of The Tube With Significant Loss Of Plate Capacity.

Solar Tubular Batteries

BAISON POWER

The **BAISON** is completely worth it, as the battery can complement both grid and solar based setups. It can operate without any glitch even at high temperatures and has fast charging capability. This ensures that you always have access to power, no matter how long or frequent power outage is. These tubular batteries have superb deep discharge recovery and charge acceptance, making them ideal for a wide array of applications. From offices and stores to schools, hotels, shopping malls, petrol pumps and wind energy sites, these batteries find extensive usage, due to their durability, affordability and performance. They also come with C-20 rating and sufficient warranty.

Quick tips for maintenance and handling

•Do not expose the battery to direct sunlight.
•Keep the battery away from heat, in a dry, cool, and ventilated space.
•Keep the battery out of the reach of children.
•Keep checking the float indicators in the battery time to time, add water top-up when required.
•Do not fill acid into the battery.
•Do not keep the battery water indicators open.
•Always get the service done by authorized service personnel only and never by a local technician.
•Be a responsible citizen. never discard the non-functional batteries into dustbins, roads, or anywhere else.
•Always return non-functional OLD inverter batteries to any authorized distributor for recycling.

Solar Tubular Batteries

BAISON POWER

BAISON tubular batteries are designed to deliver consistent and reliable power every time. Their plates are engineered to provide higher efficiency while maximizing battery life, which also ensures that the tubular battery price stays competitive. These batteries perform brilliantly in heavy duty applications and are capable of withstanding even long and frequent power cuts. The tubular batteries come in two variants, Economy and Classic, to suit distinct needs. They require minimal maintenance, owing to high acid volumes and don't get overheated. As they are resistant to corrosion, they last for a very long time.

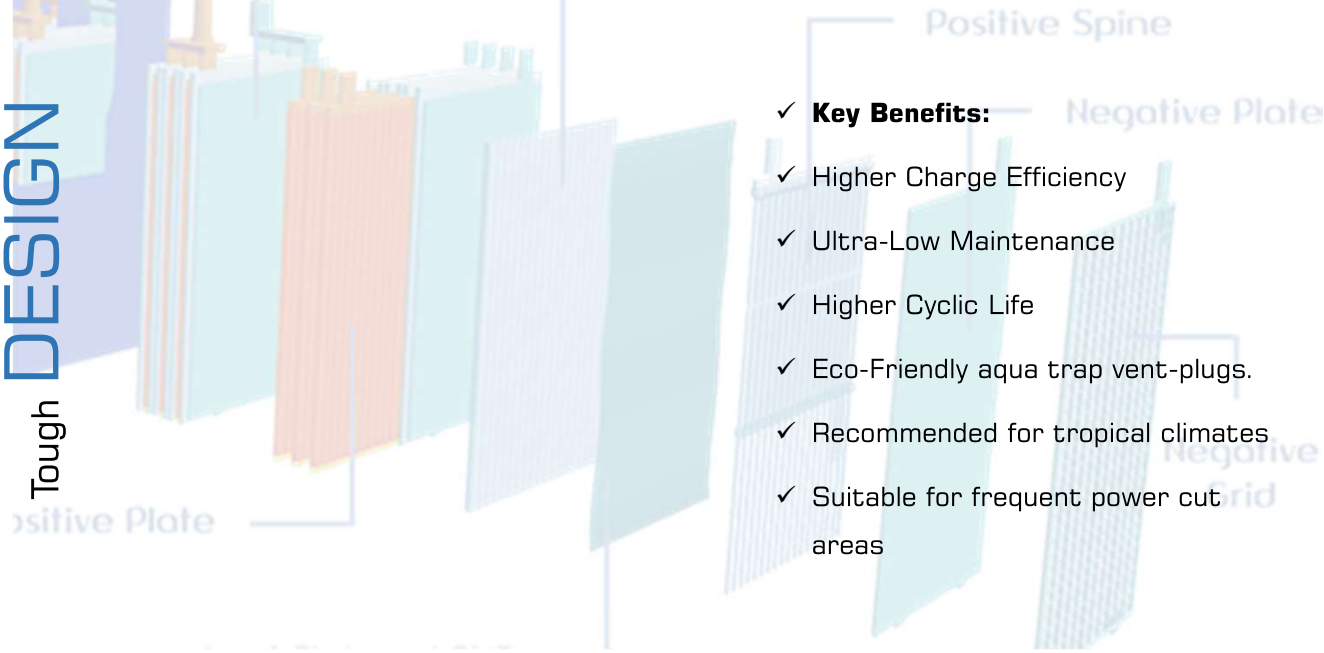
Solar Tubular Batteries

BAISON POWER

Unlimited POWER

Tough DESIGN

- ✓ **UNIQUE Features:**
- ✓ Advance Tubular Plate Technology
- ✓ Thicker & Wider Positive spines for longer life
- ✓ Special additives and optimized negative paste recipe for faster charge acceptance
- ✓ Usage of High Pure Low Antimonial Alloy for Ultra low maintenance
- ✓ High porous & Oxidation resistance gauntlet for extra back up & long life



Tough DESIGN

- ✓ **Key Benefits:**
- ✓ Higher Charge Efficiency
- ✓ Ultra-Low Maintenance
- ✓ Higher Cyclic Life
- ✓ Eco-Friendly aqua trap vent-plugs.
- ✓ Recommended for tropical climates
- ✓ Suitable for frequent power cut areas

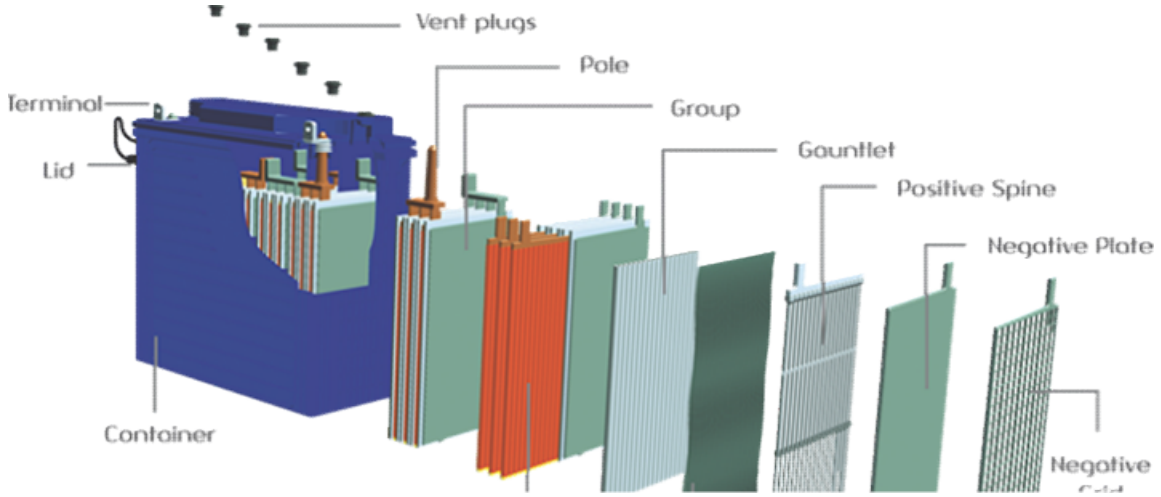
Alloy	**:** Deep Dischargeable & higher life cycle due to low antimony alloy. Ultra Low Maintenance.
Spine	**:** High pressure di-casted spine which lead to less corrosion and higher life cycle. Thick Spine Die which lead to less corrosion and higher cyclic life.
Separators	**:** Low Electrical resistance & high porosity polyethylene material, less water loss, which leads to increase in electrical performance.
Gauntlets	**:** Improved woven gauntlets gives higher active materials utilization & higher capacity & High porosity with low electrical resistance results in better charge efficiency.
Charging	**:** Automatic PLC based high precession POWERCON chargers used to optimum charging programming, data logging and monitoring through PC with help of Temp controller of water tub charging technology .

BAISON POWER

In India, most of the locations face extreme voltage fluctuations and power cuts so the use of inverters is high in demand in order to experience an uninterrupted power supply. Sai Samrat, a leading battery supplier in India provides high-quality tubular batteries at very affordable prices. Furthermore, these tubular batteries in India are designed and manufactured with the use of advanced technology and thus, making it feasible to work in extreme temperatures.

Features

- ✓ Robust tubular positive plate construction with PDC grid spine ensures long service life.
- ✓ Low antimony alloy & large electrolyte reserve over the plate ensures long topping up interval.
- ✓ Superior Ampere-hour and watt-hour efficiency
- ✓ Excellent deep discharge capability
- ✓ Meets IS-13369 standard with latest amendments
- ✓ Very low self-discharge rate under storage
- ✓ Supplied in ready to use factory charged condition
- ✓ Superior cycle life under deep cycle duty



Sr.No.	Product code	Capacity (AH)	Voltage	Packed Wt +/- 2%	Maximum Overall Dimensions		
					Length (mm)	Width (mm)	Height (mm)
1	TT200AH	200 AH	12 V	65 KG	505	190	410
2	TT225AH	225 AH	12 V	67 KG	505	190	410
3	TT250AH	250 AH	12 V	70 KG	505	190	410
4	TT280AH	280 AH	12 V	73 KG	505	190	410
5	TT300AH	300 AH	12 V	79 KG	505	190	410
6	TT360AH	360 AH	12 V	83 KG	505	190	410

Solar Tubular Batteries

BAISON POWER

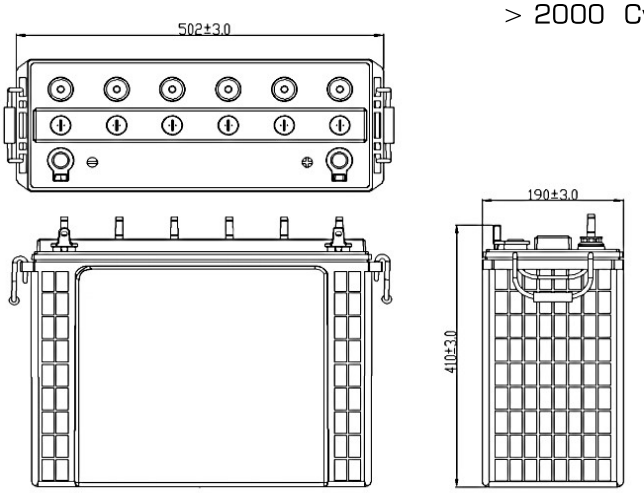
Tubular POWER

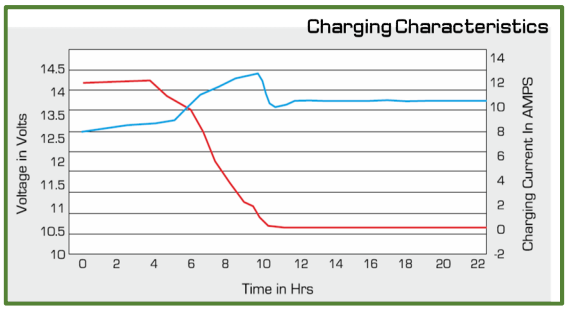
Factory CHARGED

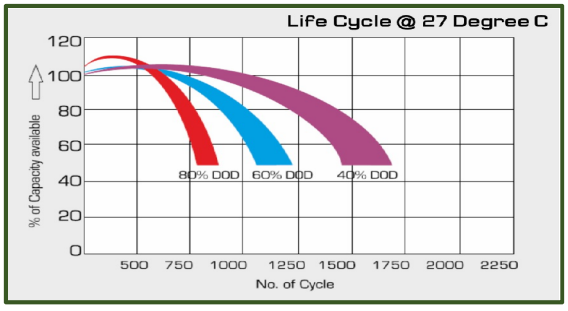
Techno-Characteristics Charts

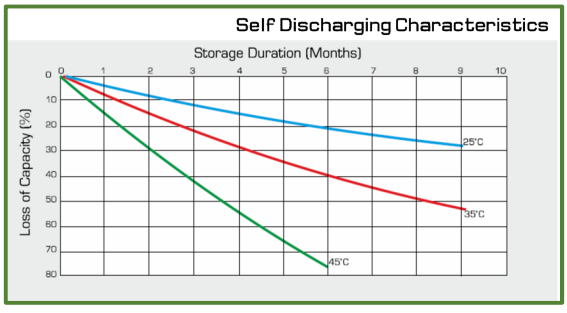
Product Specifications:

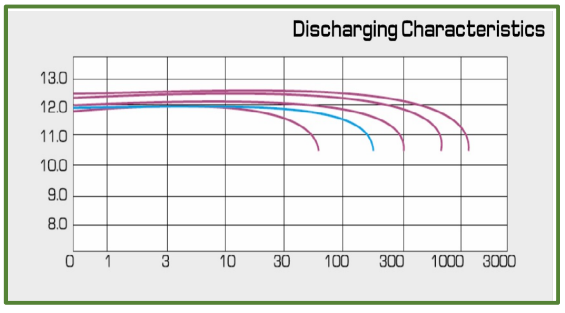
Operating Temperature range	: -15 Deg C to +50 Deg C
Grid Alloy	: 2.3 % Sb Alloy
Applicable Standard	: IS 13369 : 1992
Design Cyclic Life	: 1200v Cycles at 80% DOD
	> 1800 Cycles at 50% DOD
	> 2000 Cycles at 40% DOD @ 27 Deg C











Tough DESIGN

ULTRA
Low Maintenance
Battery

How to get touch with us

+963 994 647 177

BAISON
POWER

NAASA TRADING COMPANY

The City of Al-Dana , the Dana Highway

Sarmada

Solar Tubular Batteries