



MARATHON
Technology & Trust

natural light day and night

Natural energy now available round the clock. While you enjoy direct sunlight the day long, Marathon brings Maxxima highly efficient, low maintenance solar tubular batteries for you to use the natural light even at night.

MA XX IMA
SOLAR TUBULAR BATTERIES
Stationary Tubular Battery @ C10 for SPV applications

60
UP TO
MONTHS
WARRANTY



MARATHON BATTERIES PVT.LTD.

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MA XX IMA SOLAR TUBULAR BATTERIES

Solar Batteries Designed for professional applications, the range encompasses Wet technology with Tubular Positive and Flat negative plates and a capacity range from 20Ah to 200Ah in Monobloc Series.

Solar systems are the most demanding applications for batteries and the correct choice of battery is fundamental to the integrity of the entire system. Batteries are subjected to high and low temperatures, unpredictable charging, daily cycling as well as potentially partial states of discharge.

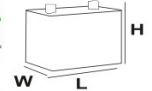
We not only offer the complete range of solar batteries available in the market but also provides expert advice on the choice of battery to suit your particular application.

In an ideal world the first choice for any solar application would be a wet (also known as flooded or vented) battery with tubular positive plates which would maximise the number of cycles available. These types are ideal for deep discharges.

Therefore it is of utmost importance to choose the right battery for the right application in order to maximise battery life.

SPECIFICATIONS

MANUFACTURER'S MODEL	MAXXIMA
Type Range	Wet/flooded/vented
Standards	IS 13369 : 19
Capacity range (C10)	20Ah - 200Ah
Nominal voltage	12V
Container material	PP, High translucent
Positive plate tech	Tubular
Negative plate tech	Grid/Flat
Electrolyte	Liquid
Design life	Up to 8 years
Cycle life (80% DOD)	1300-1500
Operating temp range °C	-10 to +55



Figures given for height include battery terminals

**Marathon Technical Specification of Maxxima Solar Tubular Batteries
12 Volt Monobloc Technical Specs with Models (Stationary Tubular)**

Model Number	Container Type	AH Capacity @C10	Overall Dimension +/-5mm			Weight in Kg+/-5%		Regular Charge Current (A)	
			Length	Width	Height	Dry	Filled	Start	Finish
BOX TUBULAR									
STF 20	BOX	20	265	172	235	8.30	14.08	2.00	2.00
STF 40	BOX	40	420	175	240	13.40	23.50	4.00	2.00
STF 60	BOX	60	512	215	240	16.20	31.50	6.00	3.00
STF 75	BOX	75	512	215	240	18.63	34.50	7.50	3.75
STF 100	BOX	100	520	270	275	24.60	43.60	10.00	5.00
STF 120	BOX	120	520	270	275	27.60	46.60	12.00	6.00
STF 135	BOX	135	520	270	275	30.30	49.30	13.50	6.75
STF 150	BOX	150	520	270	275	33.30	52.70	15.00	7.50
STF 180	BOX	180	520	270	275	38.70	57.70	18.00	9.00
STF 200	BOX	200	520	270	275	41.10	60.70	20.00	10.00
TALL TUBULAR									
STT 100	Tall	100	515	190	420	34.00	54.00	10.00	5.00
STT 120	Tall	120	515	190	420	36.60	56.60	12.00	6.00
STT 150	Tall	150	515	190	420	41.25	61.25	15.00	7.50
STT 180	Tall	180	515	190	420	44.70	64.70	18.00	9.00
STT 200	Tall	200	515	190	420	48.90	68.90	20.00	10.00

FEATURES

Opz5 Flooded VLA Construction | Long design life : Upto 8 years@27°C float
Wide range of capacities available -up to 200Ah | Wide operational temperature range:10°C to 55°C
Proven Reliability | Meets Battery Design Standards:DIN40736 and IEC60896 and is 13369:1992
Opzs batteries using tubular plate technology with electrolyte sp.gravity of 1.250
Container Material : Transparent PP plastic | Tubular Plate with Lead - Selenium multi alloy



STATUTORY NOTICE

All Batteries contains lead acid, which is harmful for humans and environment. As per statutory requirement, the used battery must be returned to the authorized dealer, manufacturer or at the designated collection centres.

This catalogue is issued to provide outline information only and is not deemed to form part of an offer or contract. Our policy is one of continued improvement and we reserve the right to change details without prior notice.

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