


*On The Wings of
Transformation*



Marathon Batteries Pvt. Ltd. an ISO 9001:2015 , ISO 14001:2015 and CE certified company, popularly known by MARATHON, in the industry has been established in 2009 with a centralized focus to develop and manufacture products for stored energy requirements in the Domestic Industrial Segments and deliver service to achieve the absolute customer satisfaction. Marathon has a well-developed core team having rich expertise to research, develop deliver products of alternate Power requirement to suit each customized needs.

Apart from the indigenous Automotive & Inverter Batteries, Marathon is now expanding its horizon for the ever rising demand of Solar application 'GREEN' Batteries in order to get over the extinction of natural resources Marathon's short but exponential success story comprise the thought-process involved well delivered products services.

OUR PHILOSOPHY

At Marathon we believe in continuous innovation and change. This belief help us to achieve our goals and perform at highest levels with due diligence.

OUR GUIDING VALUES ARE

Performance | Customer First |
Ethical Practices | Valuing People

These four core values will help us in managing and meshing stake holders's expectations and provide integration of the effort we undertake.

QUALITY POLICY

We at Marathon are committed to provide full satisfaction to our customers with respect to Quality, Reliability and Delivery and attain Quality Leadership for all products that are offered by us. We shall achieve this goal by:

- Establishing a Quality Management System conforming to International Standards.
- Institutionalizing a culture of "Getting it Right, First Time."
- Upgrading our Technology continuously to meet expectations of customers.
- Planned and Structured Training and Development Programmes for all employees.
- Creating an environment which encourages team effort and where each individual's contribution is recognized and valued.

VISION STATEMENT

We 'Strive' to

- Focus on the customers' needs
- Set and deliver clear objectives
- Succeed through Innovation and Teamwork
- Develop new skills & Recognise Talents
- Repeat through performance

WE 'BELIEVE' TO

- Focus on the situation and deliver based on need
- Build and maintain the self-confidence and self-esteem of others
- Build and maintain constructive relationships
- Take initiative to make things better
- Lead by example

HISTORY

With a modest beginning in 2009, Marathon Batteries has become one of the fastest growing Battery Company in India with key share of business provided through Brand Manufacturing. Created with an aim to serve generations of Power Back- up requirements, MARATHON has become synonymous in Industry with 'Quality' and 'Value' in Lead Acid Batteries.



HIGHLIGHTS OF MARATHON'S JOURNEY

2009 Established in Jaipur, the Pink City of India and a developing Hub for catering to Automotive and Inverter Batteries under the brand name of 'Marathon'. 'Marathon' itself means a long saga & in our case a Long Life of Power Back-up.

2010 So as to maintain its uniqueness, acquired the ownership of Trade Mark 'MARATHON' and 'AUTOZONE'.

2011 To meet increasing demand, Works at Bindayaka Industrial Area was set up with an average manufacturing capacity of 2011- 135000 AH Batteries per Day.

2012 2nd Works established for manufacturing an entire range of 'Solar Batteries'

2013 Production capacity increased from 135000 AH per Day to 225000 AH Per Day. Launched Super -G , the innovative Tubular Gel Monobloc Battery for solar application. Placed ourselves among only few companies in Indian industry with this technology.

Since last four years, focus has been on continuous R&D of the products so as to better out the performance of the batteries with a competitive edge. Apart from this, many more feathers have been added to the Cap Marathon with introduction of Proton, Rahgeer (E Rickshaw) , 2V LMLA batteries. The work on LI-ion batteries is going on & very soon we shall be presenting the same to this industry which will be the best in the Industry with regards to Quality, Pricing, Delivery & Service.

Maxxima Solar Tubular Battery

Engineered for best value and worry-free storage, Marathon Maxxima solar batteries can be counted on day in and day out as a reliable power source for a wide range of off-grid and unreliable grid applications, including:

- Remote micro-grids • Solar home systems • Solar street signs / lights • Telecom
- Residential & commercial backup • Off-grid cabins / Tiny house • Oil & gas

Marathon's proven quality and reliability is the result of our extensive engineering expertise in deep-cycle battery design. Our Solar batteries feature:

- Ruggedized polypropylene case
- Optimized paste formula for deep-cycle operation
- Pressure Casted Spine Grid using PDC Machines
- Specialized Paste Recipe
- Fine Pore Structured Gauntlet
- Highly Porous Heavy Duty (HD) Separator
- Float Vent Plug for Electrolyte level monitoring
- Robust Container
- Reinforced cell compression
- Manufacturing excellence
- Abuse tolerant and safe



Technical Spec.

Sr.No	Model Number	AH Capacity @C10	Overall Dimension +/- 5mm			Weight in Kg +/- 5%	
			Length	Width	Height	Dry	Filled
		AH					
1	STF 20	20	265	172	235	8.25	13.50
2	STF 40	40	420	175	240	11.20	22.40
3	STF 60	60	512	215	240	15.60	30.50
4	STF 75	75	512	215	240	18.63	32.60
5	STF 100	100	520	270	275	22.50	43.80
5	STF 120	120	520	270	275	25.60	45.60
7	STF 135	135	520	270	275	29.50	49.30
8	STF 150	150	520	270	275	31.50	53.10
10	STF 200	200	520	270	275	38.20	57.40
11	STT 100	100	515	190	420	27.10	52.40
12	STT 120	120	515	190	420	32.40	54.20
13	STT 150	150	515	190	420	33.60	57.90
14	STT 200	200	515	190	420	42.20	65.70
15	STT 220	220	515	190	420	45.20	69.20
16	STT 240	240	515	190	420	47.50	72.30

Atom Tubular Inverter Battery

Marathon Batteries manufactures Tubular Deep cycle batteries which is best suited for any Back up Power System. Marathon is the pioneer in introducing back up power system for homes and other stationary applications. Marathon is the leading inverter battery manufacturer in India with innovative and unique ideas and designs from last 9 years. With its premium quality Tubular battery Marathon is aiming to cement its long earned leading position.

Product Features

- Pressure Casted Spine Grid using PDC Machines
- Specialized Paste Recipe
- Fine Pore Structured Gauntlet
- Highly Porous Heavy Duty (HD) Separator
- Float Vent Plug for Electrolyte level monitoring
- Robust Container

Application

- Inverter
- Solar Hybrid System
- Solar System
- Emergency Lighting
- Renewable Systems
- UPS



Technical Spec.

Model Number	AH Capacity @ C20	Overall Dimension +/- 5mm			Weight +/- 5%
		Length	Width	Total Height	
MFT 400	100	520	277	265	42.10
MFT 600	135	520	277	265	48.20
MFT 700	150	520	277	265	52.10
MFT 900	180	520	277	265	56.60
MTT 400	100	515	190	420	51.40
MTT 500	120	515	190	420	50.34
MTT 700	150	515	190	420	55.30
MTT 900	180	515	190	420	63.80
MTT 1000	200	515	190	420	65.20
MTT 1100	220	515	190	420	68.20

Super G VRLA Tubular Gel Batteries

Charge input from solar arrays sometimes is insufficient to keep the batteries fully charged. During sun-less days, batteries are discharged but not charged. These conditions result in battery operating in Partial State of Charge (PSOC), Cycling and Deep-cycling. Also, solar systems are installed in open atmosphere exposing the batteries to extreme temperatures. Other lead acid batteries fail in such conditions due to sulphation, stratification, corrosion and plate shedding. Moreover, remote solar installations make water top-up difficult and costs money.

To meet such rigors of usage Marathon introduces a maintenance free (no water top-up) Tubular Gel VRLA battery with unbeatable combination of Tubular plate and gelled electrolyte, which is a perfect fit for all solar applications.

Features & Benefits

- Tubular positive plates - proven cycling and deep cycling capabilities.
- Gelled electrolyte - no stratification and no failure due to PSOC.
- Valve regulated - no water top up during service life.
- Antimony free alloy - longer shelf life because of very low self discharge.
- High pressure die-cast spine grids - rate of grid corrosion is very low & higher float life.
- Supplied in filled and charged condition - 100% capacity on first discharge.
- Versatile in mounting - can be mounted both in horizontal and vertical orientation.

Design Cycle life:

12V Monobloc

1125 cycles at 80% Depth of Discharge at 25°C
3750 cycles at 20% Depth of Discharge at 25°C



Technical Spec.

Model Number	AH Capacity @C10	Overall Dimension +/- 5mm			Weight in Kg +/- 5%
		Length	Width	Height	
SGT 40	40	410	173	220	24.00
SGT 80	80	529	172	230	35.60
SGT 100	100	526	221	230	44.20
SGT 120	120	526	221	270	47.30
SGT 150	150	522	280	275	64.60
SGT 200	200	522	280	275	74.00

Proton SMF VRLA Batteries

Marathon UPS batteries are high quality, maintenance-free batteries produced at a state of the art manufacturing facility with advanced battery manufacturing technologies and high-purity materials. It has a long float and cyclic life span, high specific energy, and low self-discharge rate. Completely leak proof, it has excellent anti-corrosion properties and performs flawlessly in varying temperature conditions.

Marathon SMF batteries have a design life ranging from 5 to 10 years and are backed by standard warranties depending on the model.

Features & Benefits

- Design life of 5 to 10 years at 27°C, depending on the model.
- Superior Lead Calcium alloy grid with high density active materials.
- Excellent cyclic performance and recovery after over-discharging.
- High-purity material ensuring low self-discharge.
- Valve-regulated (sealed) construction for safe operation in any position.
- Tank formed plates optimise cell voltage balance and performance.
- Completely leak proof and maintenance-free.
- Compact design with high power to power ratio.
- High impact ABS casing.



Applications

- UPS backup.
- Emergency lighting.
- Telecommunications power supply.
- DC power supply.
- Electronic weighing machines.
- Railway signalling systems.
- Medical equipment.
- Network communication equipment.
- Power stations systems and Power plants.

Technical Spec.

Model Number	AH Capacity @C10	Overall Dimension +/- 5mm			Weight in Kg +/- 5%
		Length	Width	Height	
MP 12-7	7	151	65	94	2.15
MP 12-7.5	7.5	151	65	94	2.35
MP 12-26	26	166	176	125	8.45
MP 12-42	42	197	165	179	13.40
MP 12-65	65	349	167	190	21.90
MP 12-75	75	349	167	190	23.50
MP 12-100	100	331	173	223	30.00
MP 12-150	150	485	170	242	43.70
MP 12-200	200	522	238	219	60.00

Autozone Automotive Batteries

Marathon offers a broad range of maintenance free automotive batteries manufactured according to JIS and DIN standard for a variety of vehicles, ranging from small cars to large commercial vehicles.

All these batteries have been designed by our collaboration with top battery manufacturers across globe. These batteries are designed for millions of vehicle enthusiasts across Country

As the pay off line of its flagship brand AutoZone "Drive Within" illustrates, the battery is winning heart and mind of the consumers around the globe through its unparallel performance.

Product Features

- Ca-Ca-Sn alloy
- Expanded Metal Grid
- High Cranking Performance
- Optimized Grid Structure
- Durable & Robust Design
- Suitable for all Weather Conditions
- Eco Friendly



Technical Spec.

Model Number	AH Capacity @ C20	Overall Dimension +/- 5mm			CA	CCA @ -18°C	RC	Filled Weight Kg
		Length	Width	Height				
New JIS	AH							
44B20R /L	35	197	129	225	400	280	54	10.30
50B24R/L	40	238	129	225	430	295	64	11.60
DIN44	44	207	175	190	420	320	56	12.20
55D26R/L	50	259	173	225	520	315	75	16.50
DIN55	55	242	175	190	530	410	73	14.50
65D26R/L	60	259	173	225	580	350	85	17.00
DIN74	74	278	175	190	780	590	109	18.30
95D31R/L	75	306	173	225	730	480	139	20.70
DIN88	88	353	175	190	900	680	140	23.00
115E41R/L	100	410	173	233	830	595	178	27.65
DIN100	100	353	175	190	1000	780	166	24.00
150F51R/L	135	506	182	248	1100	685	269	39.17
165G51R/L	150	506	221	248	1200	730	307	41.29
195H52R/L	180	518	274	248	1350	735	350	52.88
210H52R/L	200	518	274	248	1400	745	384	54.05

Rahagir E Rickshaw Battery

At Marathon being one of India's premier manufacturer, we provide E-rickshaw Batteries for the newly introduced eco-friendly rickshaws that are environment friendly in nature. These rickshaws are following the path of other such green vehicles such as bicycles. The concept behind such rickshaws is that they run on batteries instead of fuel. This therefore helps in reducing the emissions that are common in other motor vehicles such as buses and cars. Our Rahgeer Batteries have been manufactured with high quality raw materials for excellent performance. Our batteries are safe and are standardized in nature and can also be recharged upto 500 times while usage.

With our batteries such electric rickshaws can run smoothly on the streets and help in reduction of the environment's pollution. Harmful gases such as carbon dioxide are brought down by increasing the number of such electric rickshaws. With our high performance batteries these rickshaws run longer and help in getting value for money and better performance for higher profits.

Features of E-Rickshaw Battery

- Low Maintenance & High Performance.
- New Improved Grid Design.
- High Purity Lead Oxide for Active Material.
- New Long Life Separators.
- Quick Recovery from Deep Sulphation.
- New Aesthetic & Durable Container.
- Marathon E-Rickshaw Battery meets IS : 13514 specifications.



Technical Spec.

Model Number	AH Capacity @C 20	Overall Dimension +/- 5mm			Weight in Kg +/- 5%
		Length	Width	Height	
RB100	90	250	410	175	28.50
RB 120	105	250	410	175	31.50
RB 140	140	290	410	175	31.20

Maxxima 2 Volt LMLA Batteries

Marathon Stationary Batteries / Cells are available for various stand-by power applications with low Maintenance characteristics and are manufactured to meet all IS specifications of IS 1651-1991.

The multi tubular positive plates, the specially designed negative plates and the HD PU separators with low electrical resistance are assembled in sturdy moulded PP containers.

Low Antimony lead selenium type alloy is used for manufacture of grids resulting in minimal maintenance and operational problems and longer life.

All raw materials & other inputs undergo strict Quality control tests at various stages of manufacture resulting in optimum quality and reliability of the end product.

Product Features

- Pressure Casted Spine Grid using PDC Machines
- Specialized Paste Recipe
- Fine Pore Structured Gauntlet
- Highly Porous Heavy Duty (HD) Separator
- Float Vent Plug for Electrolyte level monitoring
- Robust Container

Applications

- State Electricity Board
- Tele Communications
- Process Industries
- Hospitals
- Domestic Applications
- Fire & Burglar Alarm Systems
- Railway Operations
- UPSS for Computers
- UPSS for Hospitals
- Solar PV Systems



Technical Spec.

Model Number	AH Capacity @C10	Overall Dimension +/- 5mm			Weight in Kg +/- 5%
		Length	Width	Height	
CS 120	120	177	143	316	13.00
CS 200	200	219	176	335	17.00
CS 300	300	280	180	354	22.00
CS 400	400	267	175	447	28.00
CS 500	500	283	180	455	30.00
CS 600	600	283	180	455	32.00

Solar Photovoltaic Cell

We provide solar PV modules with the highest energy output & unmatched reliability. Our Quality Product and services Includes Solar Panels (Photo Voltaic Modules) , Lighting systems and Solar power plants. Sunfuel makes clean energy available to homeowners, businesses, commercial buildings, schools, non-profits and government organizations at very competitive prices. Sunfuel has a Global team of professionals with expertise in executing solar power manufacturing and distribution. We Deliver Perfection in every step from designing, engineering, manufacturing, supply, installation to maintenance of solar panel PV systems ranging from few watts to megawatts as per International standards (IEC, MNRE, ISO, NISE etc.).

Product Features of PV Modules

- Extra Long life • Extra Energy/Power • Extremely Compact Size
- Available in 250W, 280W and 300W power • MNRE certified
- One of the most compact and efficient 156mm, 60 cells module
- Module stability and reliability due to high – quality raw materials
- Positive Power Tolerance • Snow and wind load tested
- High transmissivity, tempered glass for enhanced stiffness and impact resistance
- Reliable schottky bypass diode minimizes power drop by shed
- All weather- resistance junctions box and crosslink cable
- Super efficient modules • TUV: IEC 61215, IEC 61730 certified from 3W – 300W



Technical Spec.

Module (Wp)	No. of Cells	P Max (w)	VoC (v)	Vmp (v)	Isc (A)	Imp (A)	System Voltage	Module Dimension		
								L	W	H (mm)
40	36	40	21.37	17.18	2.50	2.33	1000.00	445.00	665.00	32.00
50	36	50	21.47	17.21	3.11	2.91	1000.00	555.00	665.00	32.00
60	36	60	21.57	17.26	3.71	3.48	1000.00	635.00	665.00	32.00
75	36	75	21.72	17.33	4.60	4.33	1000.00	785.00	665.00	32.00
100	36	100	21.97	17.46	6.07	5.73	1000.00	1085.00	665.00	32.00
150	36	150	22.47	17.72	8.90	8.47	1000.00	1480.00	665.00	32.00
200	72	200	23.00	17.97	11.60	11.13	1000.00	1390.00	990.00	32.00
200	60	200	33.00	27.00	8.08	7.41	1000.00	1390.00	990.00	32.00
200	72	200	44.53	36.10	6.00	5.55	1000.00	1390.00	990.00	32.00
240	60	240	37.00	30.60	8.65	7.85	1000.00	1640.00	990.00	40/42
250	60	250	37.20	30.80	8.96	8.12	1000.00	1640.00	990.00	40/42
250	72	250	44.50	36.25	7.40	6.90	1000.00	1640.00	990.00	40/42
300	72	250	45.00	36.50	8.89	8.22	1000.00	1960.00	990.00	40/42
300+	72	300+	45.00+	36.50+	8.89+	8.22+	1000.00	1960.00	990.00	40/42

DC LED Luminaires

The product range of outdoor lighting is based on high quality LED sources XP-G from CREE Co. It is designated for effective illumination of roads, first of all of class ME 4, 5, 6 and lighting of parking areas. Luminaire offers non-traditional modern appearance and it is not demanding for maintenance.

- Perfectly Designed Lights with the World's Leading LED Chips, Manufactured by Nichia (from Japan) and Cree (from USA)
- Excellent Color Rendering Index, CRI (Ra) of more than 85
- Highest Output of Lumens per Watt & Longer Life-Span of almost 50,000 Hours
- Consumes Only a Fraction of Power when compared to other lighting technologies such as Incandescent Bulbs, CFLs, Halogens, Sodium Vapour & Metal Halide
- Epoxy Coated & Highly Finished Aluminium Material for Housing of LED's

Suitable For

- Roads of class ME 4, 5, 6 • Foot-paths
- Cycle ways • Minor and main roads • Area lighting • Park lighting

Luminaire Components

- Aluminous pressure-cast body • Optical system (light distribution) - glass lens
- LED light sources of CREE XP-G mark • Supply source with possibility of simple exchange in the position
- Screw-free terminal blocks for simple connection of the luminaire



CONFIGURATION CHART									
9 W – 9WDC	12 W – 12WDC	18 W – 18 WDC	20 W – 20WDC	24 W – 25WDC	30 W – 30WDC	35 W – 35WDC	40 W – 40WDC	45 W – 45WDC	
900 Lm	1200 Lm	1800 Lm	2000 Lm	2500 Lm	3000 Lm	3500 Lm	4000 Lm	4500 Lm	
DC Led Luminaires TECHNICAL SPECIFICATIONS									
PARAMETER	VALUE								
BRAND	MARATHON								
ENVIROMENT	MINUS 20 DEGREE C TO PLUS 60 DEGREE C								
PACKAGING	INDIVIDUAL								
OPTICS	DIFFERENT BEAM ANGLE (OPTIONAL)								
CRI	> 70								
CCT	2700K- 6500K								
RATED LIFE	60000 HRS								
FINISH	SILVER / GREY / TRAFFIC WHITE/ BLACK (BASED ON QTY)								
INGRESS PROTECTION	IP65								
OUTER BODY	WITH FINS FOR BETTER HAT DISSIPATION								
HOUSING GRADE	HIGH GRADE ALLUMINIUM ALLOY (LM-6)								
RATED INPUT VOLTAGE (DC)	12 V DC								
EFFICIRNCY	100 Lumen / W								
CHARGE CONTROLLER	INBUILT CHARGE CONTROLLER								
AUTO ON OFF	DUSK TO DAWN FEATURE INBUILT								

Impeccable Service

Since inception MARATHON has focused on the Lead Acid battery market with a commitment to providing customers with the best quality product available. In time, the company has grown to include state of art manufacturing plant and nation wide customer presence for its various batteries which are used in Solar, Deep Cycle, Automotive Stationary and other applications.

Despite the growth and changes, MARATHON maintains its commitment to providing its customers with a high-quality, reliable product that speaks for itself. Because of this, MARATHON has developed a reputation for providing the industry's most efficient and reliable battery products to a number of national and international industries.

We are committed to service any battery manufactured by MARATHON sold by any of our retail outlets across the country or through any of our channel partners/ sales offices / direct sales from plant belonging to individual customer/direct customer / OEM customer.

To attend our customers and address their concern(s) on priority has always been of utmost importance to us. MARATHON has never compromised on service. We keep enhancing our service policies to ensure efficient and hassle free service to all our customers. Our service policies are designed to reduce the resolution time and ensure customer satisfaction.

Service has always been a very strong pillar for MARATHON. Hence at MARATHON we understand you and your requirements which will always be a driving force to keep improving our services across the country to the customers.

Our Patrons



And many more...

Note: In accordance with its policy of continuous improvement the company reserves the right to change specifications and designs without notice. Illustrations, data, dimensions and weights given in this brochure are for guidance only and cannot be held binding on the company.



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