

EXIDE

**SOLAR
BATTERIES**
EXPERIENCE
THE EXCELLENCE



Over the last decades, the focus on renewable energy usage to meet the growing power demand of the country has increased manifold. There is a need to explore renewable energy resources to reduce the carbon emission, rapid depletion of fossil fuels resulting global warming. It is considered to be the efficient solution to vast stretches of remote areas where mains power is yet to reach in an economic manner. The success of SPV system largely depends on the efficiency of its storage. Storage of solar power is a challenge as the electricity produced from solar panels is intermittent. Exide solar batteries are specially designed to suit the rigors of daily charge-discharge cycle at an high ambient temperature, work efficiently in Partial State of Charge (PSOC) condition where the battery will operate successfully even in consecutive non-sunny days and recharged at a fast pace. The performance of a renewable energy system depends on the design, quality, efficiency, durability and reliability of its equipment. In line with the above scenario, Exide Industries Limited, the leader in Lead Acid Battery in India for the last 65 years is proud to present the widest range of Lead Acid Batteries manufactured with TORR Tubular Technology which stands for reliable and consistent performance for Solar Photovoltaic and other Renewable Energy based applications.



EXIDE SOLATUBULARTM AND SOLARBLITZTM

FEATURES :

-  Batteries are made of time tested **Exide Torr Tubular Positive Plates**

-  Available in **12V, 6V & 2V** range

-  Ultra **Low Maintenance**

-  Suitable for **frequent cyclic duty**

-  Superior **Cycle life**

-  Supplied in **factory charged condition** - ensures optimal quality and ready to use

-  Service life **comparable** with the **best of the international brands.**

-  SOLATUBULAR[®] & SOLARBLITZ[®] 12V LMS ranges meet **IS 13369** specification with latest amendments

-  SOLATUBULAR[®] 2V LMXT ranges meet **IS 1651** specification with latest amendments



Solatubular[®] - 12V & 6V Battery



Solatubular[®]
LMXT - 2V Cells



SolarBlitz[®] 12V Battery



ADD ON FEATURES :



6V mono-blocks can be supplied with **MS Cabinet** (fitted suitable exhaust system) or **MS Stand** (knock down condition) in 48V configuration on demand – ideally designed for outdoor application.



2V Cells are also supplied in **factory filled and charged condition** to ensure savings on initial charging and man - hour cost at site.



2V Cells up to 800Ah are housed in **MS Modules (8/6/4V)** so that the compact modules can be installed straightway on arrival at site.
No additional expense for Battery Stand.



Easy to **Handle and Transport**

TECHNICAL SPECIFICATIONS :

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.80 v.p.c at 27°C (Ah)	Battery Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6LMS20	12	20	13.2	260	172	250
6LMS20L	12	20	14.3	260	172	250
6LMS40	12	40	25.5	410	176	292
6LMS40L	12	40	26.5	410	176	292
6LMS60	12	60	28.0	410	176	292
6LMS75	12	75	32.0	410	176	292
6LMS75L	12	75	42.5	530	220	294
6LMS100L	12	100	55.0	500	187	421
6LMS120L	12	120	48.5	530	220	294
6LMS150L	12	150	63.0	500	187	421
6LMS200L	12	200	75.0	500	187	421
3LMS300	6	300	66.3	500	187	421

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.85 v.p.c at 27°C (Ah)	Cell Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
LMXT300	2	300	21	125	158	543
LMXT400	2	400	27	125	158	543
LMXT500	2	500	38	173	158	699
LMXT600	2	600	41	173	158	699
LMXT700	2	700	51	205	158	753
LMXT750	2	750	51.9	205	158	753
LMXT800	2	800	53	205	158	753
LMXT850	2	850	65	416	172	535
LMXT900	2	900	67	416	171	535
LMXT1000	2	1000	72	416	171	535

Type of Battery	Nominal Voltage (V)	Capacity @C10 upto 1.80 v.p.c at 27°C (Ah)	Battery Weight with Acid ± 5% (kg)	Overall Dimension		
				Length ± 5 mm	Width ± 5 mm	Height ± 5 mm
6SBZ40	12	40	19	303	171	247
6SBZ105L	12	105	43.5	530	220	294
6SBZ150	12	150	61	500	187	421