



Worry-free mobility with L4, L5, L6 batteries from Bosch



BOSCH

Invented for life

Power without compromises:

The L4, L5, and L6 batteries from Bosch

Owners of trailers, mobile homes and boats particularly love their independence and the proximity to nature. At the same time, comfort and safety are needed. However, the air conditioner, television, navigation, and other electrical consumers have to be supplied reliably. The L4 Starter, L5 Deep Cycle, and L6 Deep Cycle AGM batteries from Bosch feature high capacity, exceptional deep-cycle resistance, the highest level of safety, and operational reliability. Customers trust the many years of technological know-how at Bosch.



Full power and off you go: L4 Starter battery

The L4 Starter always delivers precisely the right power on starting. The all-rounder in the field of starter motors shines with its outstanding values for cold-start power, performance, capacity, and reliability.

Reliably mobile: L5 and L6 batteries from Bosch

In the case of mobile applications with long-term energy requirements, standard batteries are quickly overtaxed. The technology of the L5 and L6 batteries from Bosch is specially configured for the requirements of long-term discharge. They deliver energy precisely where and when a mains power supply is no longer available. They supply trailers, mobile homes, and boats with portable energy. They can also be used in exactly the same way for solar systems, additional units, and other applications in the field of hobbies and leisure – reliably and with high performance.




Can be charged twice as often: L5 Deep Cycle battery

Customers want to have an increasing amount of comfort and safety. Here is the battery solution that also convinces where the demands are high: in comparison to conventional batteries, the L5 Deep Cycle from Bosch provides up to twice as many charge and discharge cycles. This high performance capability is combined with extensive safety: the innovative labyrinth cover with central degassing closes off the battery casing completely. Self-discharge of the L5 Deep Cycle is kept to a minimum, which means that the maintenance-free battery is perfectly suitable for season use.



Perfect for intensive applications: L6 Deep Cycle AGM
 Nothing's better: the AGM (Absorbent Glass Mat) technology provides the highest quality of all battery technologies for particularly demanding applications. It has 5 to 6 times higher cycle resistance than conventional batteries (600 to 700 cycles) and can be recharged quickly. Truly multitasking: the energy required for many

electrical consumer units on board is delivered by the L6 Deep Cycle AGM at the highest level. Smooth and long-term, absolute maintenance-free and leakproof: this means this top battery is also used on a seasonal basis. It is even resistant to shocks. Its high energy output means it is suitable as a combined battery for starting and for supply.

	 L4 technology	 L5 technology	 L6 AGM technology
Trailer		●	●
Mobile home	●	●	●
Electric boat		●	●
Motor boat		●	●
Yacht		●	●
Starting power	●●○	●●○	●●○
Deep-cycle resistance	●○○	●●○	●●●
Charge acceptance	●●○	●●○	●●○
Resistance to vibrations	●○○	●●○	●●●

Great freedom with comfort: L4, L5 and L6 for power in transit



A cutaway mobile home model: a household on wheels – also in terms of its energy requirements

The dream of unlimited freedom on vacation

Explore the most beautiful routes and stop over at fantastic locations: that's mobile independence! You do not have to forego comfort completely, provided the energy supply in transit is secured.

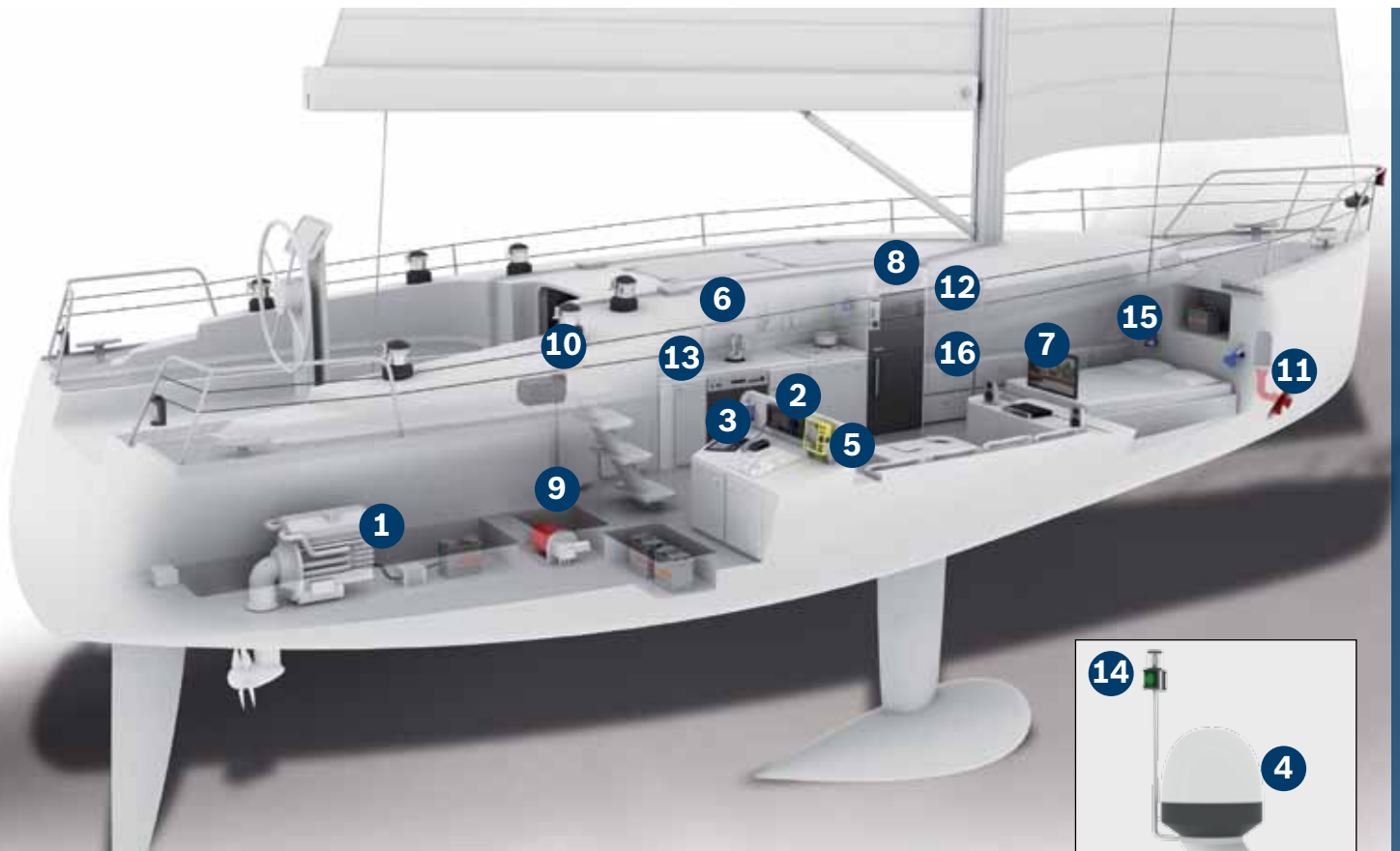
L4, L5 and L6: power without the mains supply

Today's trailers and mobile homes are impressive with high-tech equipment and extensive comfort features. Higher demands on the battery are the logical consequence of this development. Especially when traveling, reliable and often maximum power output is decisive. The solution: the range of batteries for trailers and mobile homes from Bosch with the types L4, L5 and L6. A reliable power supply for every application.

Typical consumer units in the trailer / mobile home

- | | |
|-----------------------------|--------------------------|
| 1 Air conditioner | 8 Converters |
| 2 Pumps | 9 Lighting |
| 3 Water heater | 10 Refrigerator / icebox |
| 4 Coffee maker | 11 Satellite dish |
| 5 Sat/TV | 12 Mover |
| 6 Microwave / electric oven | |
| 7 Hi-fi system | |





A cutaway yacht: far from the coast, the energy supply must be right

Cast off and stay on course

You also like to take to the water. Whether on lakes or the high seas: for water to be an experience at all times but never a danger, smoothly working technology on board is even more important than on land. Without an excellent battery, nothing works.

L4, L5 and L6: independent and supplied with power

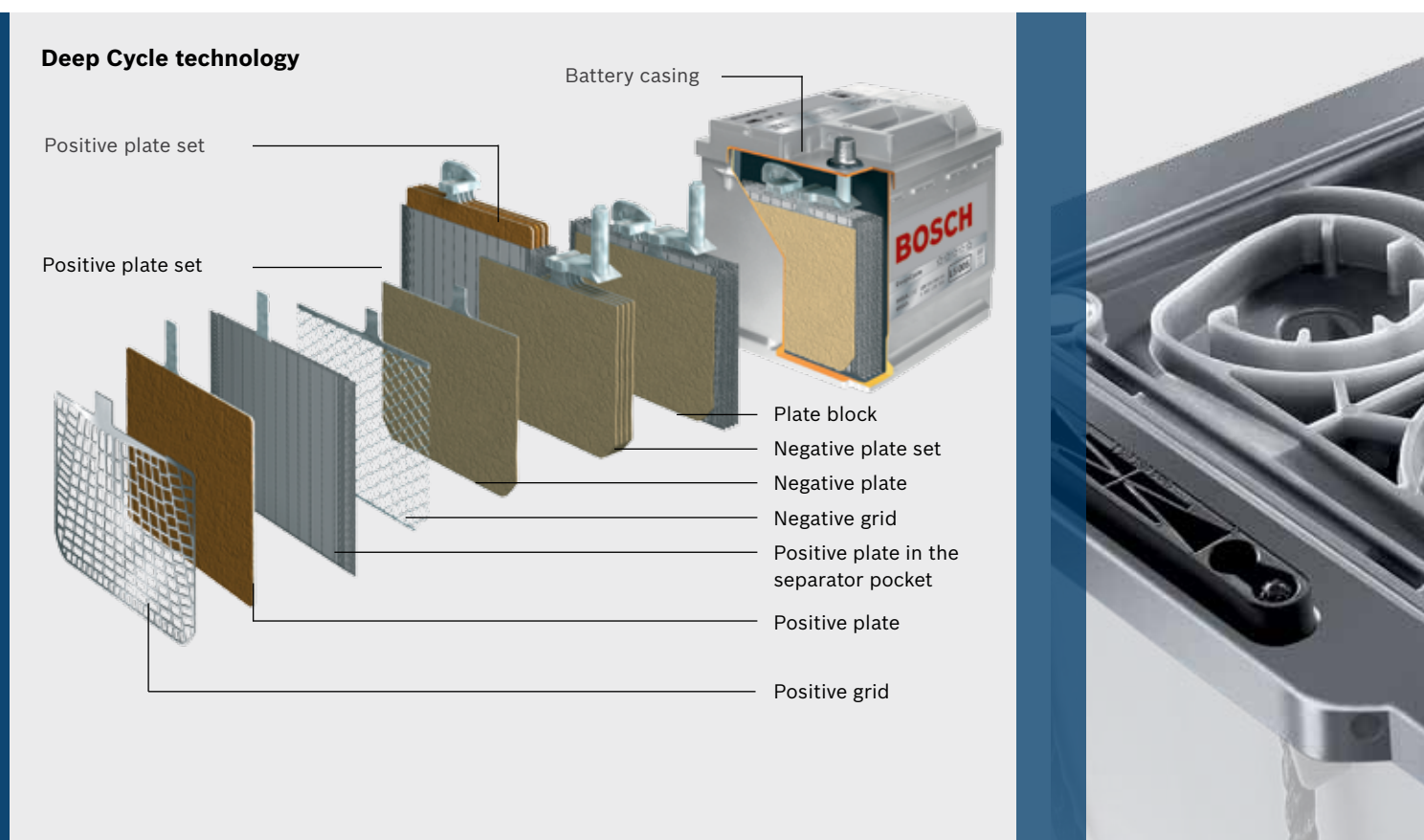
With rising comfort on boats and yachts, the requirements for the battery also grow. It supplies a great many electrical consumer units such as navigation systems, lighting, galley equipment and winches. It really needs to perform when numerous electrical devices are connected. Here, it is best that you rely on the premium quality of L4, L5 and L6 – the batteries from Bosch for maritime applications.

Possible consumer units on a boat

- | | |
|-------------------|--------------------------------|
| 1 Starter motor | 10 Electrical winches |
| 2 Radio SSB | 11 Bow thruster |
| 3 Autopilot | 12 Microwave and electric oven |
| 4 Radar | 13 Dishwasher |
| 5 Fish finder | 14 Position lights |
| 6 Water heater | 15 Lighting |
| 7 Sat/TV | 16 Refrigerator / icebox |
| 8 Air conditioner | |
| 9 Pumps | |



Strong enough for many consumer units: Bosch L5 Deep Cycle



L5 Deep Cycle from Bosch for absolute reliability

Labyrinth cover

L5 Deep Cycle: technology with high power density

Deep Cycle technology from Bosch meets high demands for a high-performance supply battery. Deep Cycle batteries ensure high levels of comfort away from the mains power supply. Thanks to high deep-cycle resistance and power density, a large number of electrical consumer units can be operated. The high charge acceptance and minimum self-discharge make the L5 Deep Cycle battery ideal for mobile deployment.

The advantages of Deep Cycle technology

- ▶ Longer service life and up to twice the deep-cycle resistance in comparison with conventional wet batteries
- ▶ Particularly good charge acceptance
- ▶ With additional polyester scrim between plate and separator
- ▶ Secured against leaks and tilting up to 55°
- ▶ Absolutely maintenance-free

L4 Starter and L5 Deep Cycle: battery range 2011

Bosch TTN	ETN	HKB	Power output		Technical details			Box size	Dimensions in mm		
			Ah	A(EN)	Terminal post	Circuit	Mount		L	W	H
Bosch Starter (L4)											
0 092 L40 270	812 071 000	L4 027	75	600	1	1	B01	EG4	260	175	225
0 092 L40 330	811 053 057	L4 033	105	570	1	9	B00	Grp31	330	175	240
Bosch Deep Cycle (L5)											
0 092 L50 050	930 060 056	L5 005	60	560	1	0	B13	H5	242	175	190
0 092 L50 080	930 075 065	L5 008	75	650	1	0	B13	H6	278	175	190
0 092 L50 130	930 090 080	L5 013	90	800	1	0	B13	H8	353	175	190
0 092 L50 750	930 140 080	L5 075	140	800	1	3	B00	A	513	189	223
0 092 L50 770	930 180 100	L5 077	180	1000	1	3	B00	B	513	223	223
0 092 L50 800	930 230 115	L5 080	230	1000	1	3	B00	C	518	276	242

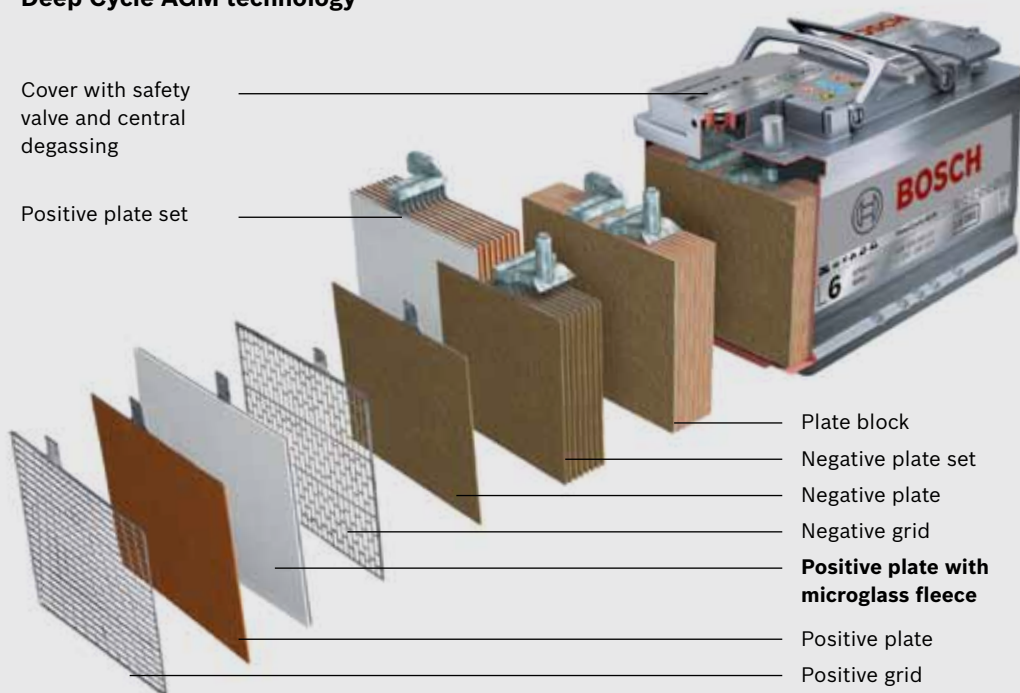
Can be charged 700 times: Bosch L6 Deep Cycle AGM



Deep Cycle AGM technology

Cover with safety valve and central degassing

Positive plate set



L6 Deep Cycle AGM from Bosch: boundless mobility with this powerhouse

L6 Deep Cycle AGM: maximum power output – minimum charging time

With the L6 Deep Cycle AGM, Bosch offers a battery for drives and lighting that is equipped with modern and highly efficient AGM technology (Absorbent Glass Mat). This battery is therefore particularly powerful, reliable and rugged. With their power output, they shine particularly under difficult conditions: with strong vibrations, frequent charge and discharge cycles, or in situations with higher discharge currents.

Optimized for mobile applications

On average, the L6 Deep Cycle with AGM technology accepts its charge more quickly than a conventional battery. The best feature: it can repeat this up to 700 times. The cycle service life is far above average. For intensive mobile use – for example in the electrical systems of boats with numerous electrical consumer units – this provides enormous safety advantages.

L6 Deep Cycle AGM: battery range 2011

Bosch TTN	ETN	HKB	Power output		Technical details			Dimensions in mm		
			Ah	A(EN)	Terminal post	Circuit	Mount	L	W	H
Bosch Deep Cycle AGM (L6)										
0 092 L60 000	830 024 016	L6 000	24	145	M5	0	B00	165	176	125
0 092 L60 010	830 060 037	L6 001	60	340	1	0	B00	265	166	188
0 092 L60 020	830 070 045	L6 002	70	410	1	0	B00	260	169	230.5
0 092 L60 030	830 085 051	L6 003	85	465	1	0	B00	260	169	230.5
0 092 L60 040	830 115 060	L6 004	115	550	1	0	B00	328	172	233.5
0 092 L60 050	830 150 090	L6 005	150	825	1	0	B00	484	171	241
0 092 L60 060	830 260 152	L6 006	260	1400	1	4	B00	521	269	239.5

Batteries from Bosch:

Range without gaps

For more than 120 years, innovations from Bosch have ensured more power, comfort, and safety in vehicles, getting people to their destinations with reduced stress.

Bosch offers a complete range of batteries for every application and every requirement:

- ▶ Bosch batteries for passenger cars
- ▶ Bosch batteries for motorcycles
- ▶ Bosch batteries for commercial vehicles
- ▶ Bosch batteries for leisure, mobile homes, and boats

Battery tip: you charge all lead-acid batteries easily, safely, and quickly with the new C3 and C7 battery chargers from Bosch. Naturally also batteries with AGM technology!



Traveling safely: on water ...



... and on land



Range of batteries from Bosch

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More information at:
www.werkstattportal.bosch.de
www.werkstattportal.bosch.at
www.werkstattportal.bosch.ch



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