



**Batteries on yachts & expedition vehicles**

Conventional starter batteries (acid) have a low cycle resistance (approx. 70 cycles) at a discharge depth of 50%. If the battery is discharged more deeply (80%), the cycle stability drops to approx. 30 cycles. These batteries are usually only used as starter batteries. For use on yachts or expedition vehicles, cycle-resistant batteries such as the Exide EP series (AGM) with approx. 300 cycles at 50% depth of discharge or

ideally GEL batteries (Exide ES series with approx. 1000 cycles at 50% depth of discharge) are recommended.

**Important:**

A prerequisite for a long battery life is the correct charging technology with a temperature-compensated IUoU characteristic, especially for the AGM and GEL batteries, otherwise premature failure is to be expected.

The EXIDE-GEL is the first battery that is absolutely maintenance-free throughout its entire service life on the basis of the technology developed by SONNENSCHNEIN with fixed gel electrolytes. The superior battery for leisure and sport provides a reliable power supply in the on-board network and a powerful start of the drive motors, even in emergencies under water. Also ideal for storing environmentally friendly solar energy. The first choice for cyclical use in house battery applications.



- **Leakproof**  
Battery acid is sealed in a gel type substance which makes the battery leak proof, even if it receives outer damage
- **Very low self discharge**  
After six months of storage, the battery retains its nominal capacity of over 80%. After two years, 50%.  
The battery can be kept in winter storage without routine check-up.
- **Maintenance free**  
No acid check, no water refill!
- **Positioning free**  
Battery is sealed even when placed upside down. Even under water!!!
- **Discharge safe**  
Dryfit-System handles short discharge without damage.
- **Cycle strong and long life**  
Best cycle stability (charging - discharging)
- **Extreme low gassing and sealed**  
No acid vapor escapes. Gas recondenses to water in every cell. Pressure vents to let escape build up pressure.
- **Clean and non-harmful to environment**  
No acid mess, no aggressive acid vapor

EXIDE-GEL Type	Voltage	V	Capacity		Dimensions (Block)			Weight kg	Corresp. starter battery- Battery C20 (Ah)
	Order-No.		C20 (Ah)	C100 (Ah)	L (l)	W (w)	H (h)		
■ ES 650 (G 60)	6 0131 0057	12	60	67	278 (278)	175 (175)	190 (190)	13,4	75
■ ES 900 (G 80)	6 0131 0075	12	80	90	353 (353)	175 (175)	190 (190)	26,8	100
■ ES 950 (G 85)	6 0131 0080	12	85	95	330 (330)	171 (171)	236 (213)	33,0	105
■ ES 1200 (G 110)	6 0131 0110	12	110	125	284 (254)	267 (267)	226 (208)	38,7	145
■ ES 1350 (G 120)	6 0131 0115	12	120	130	513 (475)	189 (178)	223 (195)	41,0	150
■ ES 1600 (G 140)	6 0131 0135	12	143	155	513 (475)	223 (210)	223 (195)	49,5	175
■ ES 2400 (G 210)	6 0131 0200	12	210	235	518 (475)	274 (265)	238 (216)	70,0	260



■ **BK 6** Order-No.: 6 0008 0006

Battery clamps with M8-threaded terminal (- pole) and M10-threaded terminal (+ pole)



■ **BKM** Order-No.: 6 0008 0000

Mid size battery clamps max. 50 mm<sup>2</sup>



■ **BKN** Order-No.: 7 6128 0060

Angular battery clamps max. 50 mm<sup>2</sup>