

Every battery claims to be the best on the market.

Our Endurance+ PRO GEL range proves it when it matters.

The **Sonnak Endurance+PRO GEL battery** is state of the art, developed in collaboration with major truck and bus manufacturers. This makes it the ultimate choice for all commercial and urban vehicles.



- Supports hotel function



- **2x** lifetime compared to equivalent AGM and **10x** lifetime compared to equivalent standard flooded batteries



- High vibration resistant and valve-regulated technology for maximum safety



- **90%** safe depth of discharge: perfect choice for all commercial vehicles



- Safe and reliable engine start at any time



- Reduces operating costs



Creating the future - the Sonnak way:



Innovation



Reliability



Sustainability



High Performance

Are you looking for the right battery for particularly critical applications?

Our gel batteries call it everyday life.

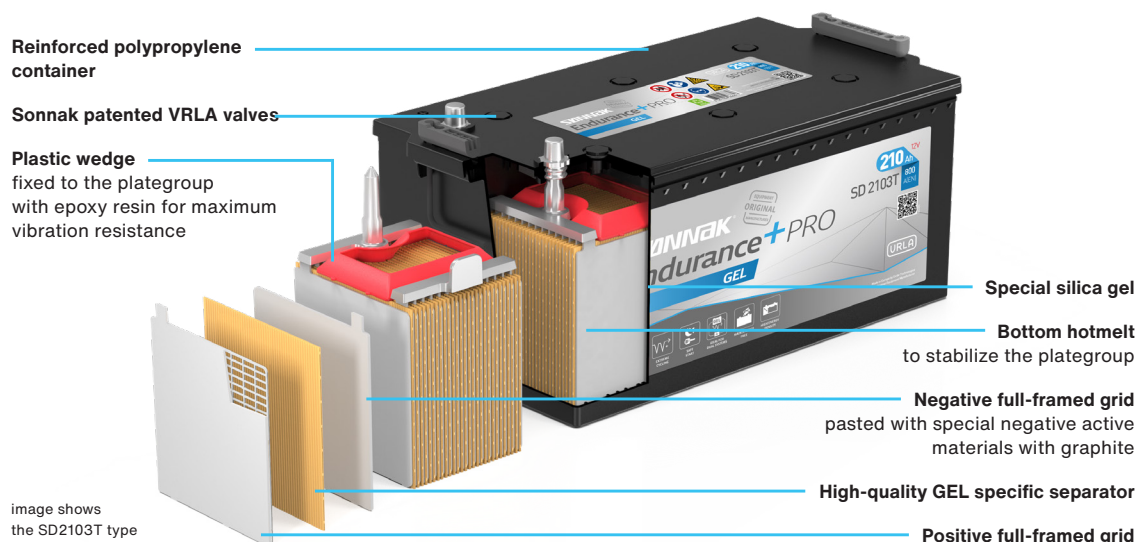


As a continuous driver of innovation, Exide works day after day on solutions that simplify the work and life of users. Among our latest developments are the Endurance+PRO GEL batteries, built specifically for commercial vehicles with power-hungry equipment applications. They are more effective, efficient, and robust than comparable VRLA batteries. In addition, this new battery technology has best-in-class deep cycling characteristics and ensures reliable and safe engine starting.

All this makes the Endurance+PRO Gel range unique in the market: It has been developed in collaboration with major truck and bus manufacturers to meet the demanding requirements of a wide range of bus applications, tractor units, and municipal vehicles with power-intensive equipment. Convince yourself of the unbeatable advantages.

The technology update is a reliability upgrade.

Unlike usual, the electrolyte is not liquid but is fixed in a gel. This increases the service life above average and ensures that your vehicles stay on the road longer. Gel batteries can safely stand depths of discharge up to 90% – allowing higher energy throughput and avoiding vehicle breakdowns due to premature battery failure.

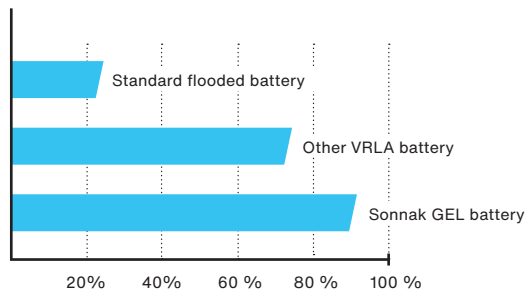


The Endurance+PRO GEL's outstanding durability makes it particularly suitable for use in vehicles with high energy throughput. This makes it the ideal choice for city buses: Their doors, monitors, boarding aids with level control and ramps, and other electrically operated functions are very energy-intensive due to their frequent use.



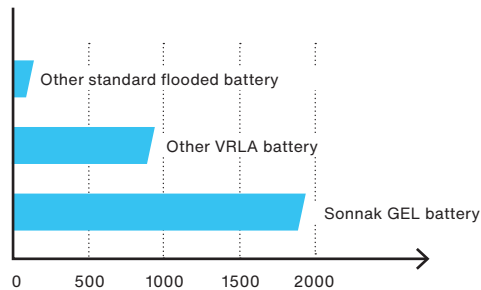
Everywhere, the aim is to minimize costs. That's why our gel batteries don't skimp on deep-cycle properties.

Safe depth of discharge



Proven to achieve **90% safe DoD** (compared to 75% for other VRLA batteries). This means more energy available over a longer period of time. Reduced vehicle breakdowns leading to minimized TCO.

Cycling capacity



In addition, the Sonnak GEL range has extremely high parc coverage, more than **2 times** the cycle capacity of the best AGM battery, and even **10 times** more cycles than a comparable standard flood battery.

Endurance+PRO GEL Type List

Sonnak	Performance		Dimensions				Technical characteristics		
	Code	Capacity Ah	CCA A (EN)	Container	L (mm)	W (mm)	H (mm)	Hold down	Polarity
	SD851T	85	350	D02	349	175	235	B0	ETN1
	SD2103	210	1030	D06	518	279	240	B0	ETN3
	SD2103T	210	800	D06	518	279	240	B0	ETN3

Each application has its own challenges. The solution is the same for all of them.

Perfectly suited for the following and similar powerful vehicles:

Brand	Model	Examples of types	Date from	Date to	Part no.
BOVA	Futura	FHD 104, FHD 120, FHD 127, FLD 104, FLD 120, FLD 127	2006/10	2008/09	SD2103
BOVA	Lexio	LD 123, LD 130, LLD 123-310, LLD 130-310	2005/09		SD2103
BOVA	Magiq	HD 120, HD 122, HD 131 Magnum, HD 139 Magnum	1999/10		SD2103
BOVA	Synergy	DD 130, DD 138, SDD 130, SDD 141	2004/09		SD2103
BredaMenarinibus	M-Serie	M230, M321	1994/01	2002/12	SD2103
BredaMenarinibus	VIVACITY	VIVACITY 8, VIVACITY+ C	2012/10		SD2103
BredaMenarinibus	ZEUS	M200E, M340	2008/03		SD2103
Irisbus	CROSSWAY	10.6m, 12m, 12.8m	2006/06		SD2103
Irisbus	CITELIS	10.5, 12, Line	2005/09		SD2103
MAN	Lion's Coach	400	2015/10		SD2103
MAN	Lion's City	A 35, A 22	2009/10		SD2103
Mercedes-Benz	Citaro (O 530)	Citaro Ü, Citaro N, Citaro MUE	2012/05		SD2103
Mercedes-Benz	Tourismo(O 350)	Tourismo RHD, SHD	2003/09		SD2103
Mercedes-Benz	Tourino (O 510)	TOURINO	2003/10		SD2103
Mercedes-Benz	Touro (O 500)	O 500 R, M	2001/01		SD2103
Mercedes-Benz	Citaro (O 530)	Citaro, Citaro MUE	1998/01		SD2103
NEOPLAN	Tourliner	N 2216 SHD, SHDL	2006/06		SD2103
NEOPLAN	Skyliner	N 1122/3 C, N 122/3 L	2004/05		SD2103
NEOPLAN	Trendliner	N 3516 Ü	2004/09		SD2103
Renault Trucks	AGORA	Agora	1996/01		SD2103
Scania	4 - series	143 M/420, 124 C/360, 124 C/400, 124 C/420, 124 C/440, 124 C/470, 124 G/440, 124 G/470, 164 C/580, 164 G/480, 164 G/580, 94 CL	1999/01	2004/09	SD2103
Scania	K - series	K 230 C, K 230 IB, K 230 UB, K 250 IB, K 250 UB, K 270 C, K 270 IB	2006/03		SD2103
Scania	L, P,G,R,T,S - series	G 410, G 450, P 410, P 450, G490, G500, G520, R280, R320, R360, R370, R410, R 450, R 490, R500, G490	2013/09		SD851T
Setra	Series 400	MultiClass S 415 NF, MultiClass S 416 NF, TopClass S 415 HD, ComfortClass S 415 GT	2005/01		SD2103
Solaris	URBINO	Urbino 12	2006/10		SD2103
Solaris	VACANZA	Vacanza 12, 13	2002/06		SD2103
Van Hool	T-Serie	T 915, T 916	2005/10		SD2103
Van Hool	A-Serie	A, 300, A 330	2006/10		SD2103
Volvo	FM12	FM 12/460	1998/08	2008/11	SD2103
Volvo	8700, 9700, 9900	8700, 9700, 9900	1999/01		SD2103
Volvo	B11	B11R	2011/09		SD2103
Volvo	8900	8900, 8900 LOW ENTRY	2016/08		SD2103
Volvo	FE II	FE 320-26	2013/05		SD2103
Volvo	FH	460, 480, 420, 500, 540, 440, 400, 520	2005/01		SD2103T
Volvo	FH II	420, 500, 540, 460, 380	2012/05		SD2103T
Volvo	FH16	FH 16/540, FH 16/550, FH 16/610, FH 16/580, FH 16/660, FH 16/600, FH 16/700	2003/01		SD2103T
Volvo	FH16 II	FH 16/540, FH 16/550, FH 16/650, FH 16/750, FH 16/600, FH 16/700	2012/05		SD2103T
Volvo	FM	FM 420, 460, 500, 380, 360, 330, 370, 410, 450, 400, 440, 480, 330, 340, 390, 430	2005/01		SD2103T
Volvo	FM II	FM 420	2015/10		SD2103T
Volvo	FMX	460, 500, 420, 540, 380, 330, 370, 410, 450, 400, 430, 440, 480	2010/04		SD2103T
Volvo	FMX II	420, 460, 500, 540, 450, 330, 370, 410, 380	2013/09		SD2103T



Find the perfect battery quickly and easily – with the Online Battery Finder from Exide.



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