

Block battery Ni-Cd range

Type SBLE, SBM, SBH standard Installation and operating instructions

Important recommendations

- Never allow an exposed flame or spark near the batteries, particularly while charging.
- Never smoke while performing any operation on the battery.
- For protection, wear rubber gloves, long sleeves, and appropriate splash goggles or face shield.
- The electrolyte is harmful to skin and eyes. In the event of contact with skin or eyes, wash immediately with plenty of water. If eyes are affected, flush with water, and obtain immediate medical attention.
- Remove all rings, watches and other items with metal parts before working on the battery.
- Use insulated tools.
- Avoid static electricity and take measures for protection against electric shocks.
- Discharge any possible static electricity from clothing and/or tools by touching an earth-connected part "ground" before working on the battery.

1. Receiving the shipment

Unpack the battery immediately upon arrival. Do not overturn the package. Transport seals are located under the cover of the vent plug.

- The battery is normally shipped empty and discharged, do not remove the plastic transport seals until ready to fill the battery.

- If the battery is shipped filled and charged, the battery is ready for installation. Remove the plastic transport seals only before use.

The battery must never be charged with the transport seals in place as this can cause permanent damage.

2. Storage

Store the battery indoors in a dry, clean, cool location (0°C to +30°C / +32°F to +86°F) and well ventilated space on open shelves.

Do not store in direct sunlight or expose to excessive heat.

■ Cells empty and discharged

- Saft recommends to store cells empty and discharged. This ensures compliance with IEC 60623 section 4.9 (storage)
- Cells can be stored like this for many years.

■ Cells filled and charged

- If cells are stored filled, they must be fully charged prior to storage.

- Cells may be stored filled and charged for a period not exceeding 12 months from date of dispatch.

Storage of a filled battery at temperatures above +30°C (+86°F) can result in loss of capacity. This can be as much 5 % per 10°C (18°F) above +30°C (+86°F) per year.

- When deliveries are made in cardboard boxes, store without opening the boxes.

- When deliveries are made in plywood boxes, open the boxes before the storage. The lid and the packing material on top of the cells must be removed.

3. Installation

3.1. Location

Install the battery in a dry and clean room. Avoid direct sunlight and heat. The battery will give the best performance and maximum service life when the ambient temperature is between +10°C to +30°C (+50°F to +86°F).

3.2. Ventilation

During the last part of charging, the battery is emitting gases (oxygen and hydrogen mixture). At normal float-charge the gas evolution is very small but some ventilation is necessary.

Note that special regulations for ventilation may be valid in your area depending on the application.

3.3. Mounting

Verify that cells are correctly interconnected with the appropriate polarity. The battery connection to load should be with nickel plated cable lugs. Recommended torques for terminal bolts are:

- M 6 = 11 ± 1.1 N.m
- M 8 = 20 ± 2 N.m
- M 10 = 30 ± 3 N.m

The connectors and terminals should be corrosion-protected by coating with a thin layer of anti-corrosion oil.

Remove the transport seals and close the vent plugs.

3.4. Electrolyte / cell oil

■ Cells delivered empty and discharged: If the electrolyte is supplied dry, prepare it according to its separate instructions sheet. The electrolyte to be used is E22. Remove the transport seals just before filling.

Fill the cells about 20 mm above the lower level mark with electrolyte.

Wait 4 to 24 hours and adjust if necessary before commissioning. It is recommended to add the cell oil after the commissioning charge, with the syringe, according to the quantity indicated in the Table A.



■ Cells delivered filled and charged:

Check the level of electrolyte. It should not be more than 20 mm below the upper level mark. If this is not the case, adjust the level with distilled or deionized water. Cells delivered filled have already the cell oil in place.

4. Commissioning

Verify that the ventilation is adequate during this operation.

A good commissioning is important. Charge at constant current is preferable.

When the charger maximum voltage setting is too low to supply constant current charging, divide the battery into two parts to be charged individually. If the current limit is lower than indicated in the Table A, charge proportionally for a longer time.

■ For cells filled on location or for filled cells which have been stored more than 6 months:

- charge 10 h at 0.2 C₅ A (recommended)
- or charge for 30 h at 1.65 V/cell, current limited to 0.2 C₅ A.
- discharge at 0.2 C₅ A to 1.0 V/cell
- charge according to the section below.

■ For cells filled and charged by the factory and stored less than 6 months:

- charge 10 h at 0.2 C₅ A (recommended)
- or charge 24 h at 1.65 V/cell, current limited to 0.2 C₅ A.
- or charge 48 h at 1.55 V/cell, current limited to 0.2 C₅ A.

■ Cell oil & electrolyte after commissioning: wait for 4 hours after commissioning. Cells delivered filled by the factory have already the cell oil in place.

For cells filled on location, add the cell oil with the syringe, according to the quantity indicated in the Table A.

Check the electrolyte level and adjust it to the upper level mark by adding:

- distilled or deionized water for cells filled by the factory
- electrolyte for cells filled on location.

The battery is ready for use.

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5. Charging in service

■ Continuous parallel operation, with occasional battery discharge. Recommended charging voltage (+20°C to +25°C / +68°F to +77°F):

For two level charge:

- float level
= 1.42 ± 0.01 V/cell for L cells
= 1.40 ± 0.01 V/cell for M and H cells

- high level
= 1.47 - 1.70 V/cell for L cells
= 1.45 - 1.70 V/cell for M and H cells.

A high voltage will increase the speed and efficiency of the recharging.

For single level charge:

1.43 - 1.50 V/cell.

■ Buffer operation, where the load exceeds the charger rating.

Recommended charging voltage (+20°C to +25°C / +68°F to +77°F):
1.50 - 1.60 V/cell.

6. Periodic Maintenance

■ Keep the battery clean using only water. Do not use a wire brush or solvents of any kind. Vent plugs can be rinsed in clean water if necessary.

■ Check the electrolyte level. Never let the level fall below the minimum level mark. Use only distilled or deionized water to top-up. Experience will tell the time interval between topping-up.

Note: Once the battery has been filled with the correct electrolyte either at the battery factory or during the battery commissioning, there is no need to check the electrolyte density periodically. Interpretation of density measurements is difficult and could be misleading.

■ Check every two years that all connectors are tight. The connectors and terminal bolts should be corrosion-protected by coating with a thin layer of anti-corrosion oil.

■ Check the charging voltage. If a battery is parallel connected, it is important that the recommended charging voltage remains unchanged.

The charging voltage should be checked at least once yearly. High water consumption of the battery is usually caused by improper voltage setting of the charger.

Table A: Standard range

Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole	Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole	Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole
		Solid* (kg)	Liquid (l)					Solid* (kg)	Liquid (l)					Solid* (kg)	Liquid (l)		
SBLE 7.5	1.5	0.08	0.24	10	M6	SBM 11	2.2	0.10	0.30	15	M6	SBH 8.3	1.7	0.12	0.36	10	M6
SBLE 15	3.0	0.11	0.35	10	M6	SBM 15	3.0	0.11	0.33	15	M6	SBH 12	2.4	0.14	0.44	15	M6
SBLE 22	4.4	0.17	0.53	15	M6	SBM 20	4.4	0.15	0.46	15	M6	SBH 16	3.2	0.16	0.48	15	M6
SBLE 30	6.0	0.15	0.46	15	M6	SBM 30	6.0	0.15	0.46	15	M6	SBH 19	3.8	0.25	0.77	15	M6
SBLE 40	8.0	0.29	0.90	30	M6	SBM 43	8.6	0.31	0.95	20	M6	SBH 29	5.8	0.31	0.95	20	M6
SBLE 47	9.4	0.19	0.59	20	M6	SBM 56	11	0.36	1.1	20	M6	SBH 39	7.8	0.36	1.1	25	M8
SBLE 62	12	0.23	0.70	30	M6	SBM 65	13	0.32	1.0	25	M8	SBH 49	9.8	0.42	1.3	30	M8
SBLE 75	15	0.32	1.0	25	M8	SBM 84	17	0.39	1.2	25	M8	SBH 59	12	0.49	1.5	30	M10
SBLE 95	19	0.39	1.2	25	M8	SBM 112	22	0.45	1.4	30	M8	SBH 69	14	0.58	1.8	40	M10
SBLE 110	22	0.39	1.2	30	M10	SBM 138	28	0.55	1.7	40	M10	SBH 79	16	0.58	1.8	40	M10
SBLE 140	28	0.49	1.5	30	M10	SBM 161	32	0.61	1.9	40	M10	SBH 88	18	0.74	2.3	50	M10
SBLE 185	37	0.65	2.0	40	M10	SBM 184	37	0.78	2.4	50	M10	SBH 98	20	0.71	2.2	50	M10
SBLE 230	46	0.74	2.3	50	M10	SBM 208	42	0.94	2.9	60	M10	SBH 118	24	0.87	2.7	60	M10
SBLE 275	55	0.94	2.9	60	M10	SBM 231	46	0.94	2.9	60	M10	SBH 137	28	1.20	3.7	40	2 x M10
SBLE 325	65	1.13	3.5	35	2 x M10	SBM 277	55	1.13	3.5	40	2 x M10	SBH 157	31	1.20	3.7	40	2 x M10
SBLE 375	75	1.29	4.0	40	2 x M10	SBM 300	60	1.20	3.7	40	2 x M10	SBH 177	35	1.46	4.5	50	2 x M10
SBLE 415	83	1.39	4.3	45	2 x M10	SBM 323	65	1.26	3.9	40	2 x M10	SBH 196	39	1.42	4.4	50	2 x M10
SBLE 460	92	1.49	4.6	50	2 x M10	SBM 346	69	1.42	4.4	50	2 x M10	SBH 236	47	1.84	5.7	60	2 x M10
SBLE 510	102	1.68	5.2	55	2 x M10	SBM 369	74	1.55	4.8	50	2 x M10	SBH 265	53	2.20	6.8	50	3 x M10
SBLE 550	110	1.88	5.8	60	2 x M10	SBM 392	78	1.72	5.3	60	2 x M10	SBH 294	59	2.10	6.5	50	3 x M10
SBLE 600	120	2.04	6.3	43	3 x M10	SBM 415	83	1.88	5.8	60	2 x M10	SBH 353	71	2.78	8.6	60	3 x M10
SBLE 650	130	2.14	6.6	47	3 x M10	SBM 438	88	1.88	5.8	60	2 x M10	SBH 393	79	2.82	8.7	50	4 x M10
SBLE 700	140	2.23	6.9	50	3 x M10	SBM 461	92	1.84	5.7	60	2 x M10	SBH 471	94	3.69	11.4	60	4 x M10
SBLE 750	150	2.43	7.5	53	3 x M10	SBM 505	101	2.10	6.5	50	3 x M10	SBH 491	98	3.53	10.9	50	5 x M10
SBLE 830	166	2.81	8.7	60	3 x M10	SBM 555	111	2.33	7.2	50	3 x M10	SBH 590	118	4.63	14.3	60	5 x M10
SBLE 925	185	2.98	9.2	50	4 x M10	SBM 625	125	2.82	8.7	60	3 x M10	SBH 640	128	4.21	13.0	50	5 x M10
SBLE 1020	204	3.36	10.4	55	4 x M10	SBM 690	138	2.78	8.6	60	3 x M10	SBH 705	141	5.31	16.4	60	5 x M10
SBLE 1100	220	3.75	11.6	60	4 x M10	SBM 740	148	3.11	9.6	50	4 x M10	SBH 765	153	5.24	16.2	60	5 x M10
SBLE 1200	240	3.91	12.1	52	5 x M10	SBM 830	166	3.79	11.7	60	4 x M10	SBH 865	173	5.92	18.3	57	6 x M10
SBLE 1300	260	4.30	13.3	56	5 x M10	SBM 920	184	3.82	11.8	60	4 x M10	SBH 920	184	6.28	19.4	60	6 x M10
SBLE 1400	280	4.69	14.5	60	5 x M10	SBM 965	193	3.69	11.4	40	6 x M10						
SBLE 1500	300	5.05	15.6	55	6 x M10	SBM 1040	208	4.72	14.6	60	5 x M10						
SBLE 1600	320	5.44	16.8	58	6 x M10	SBM 1150	230	4.66	14.4	60	5 x M10						
SBLE 1660	332	5.63	17.4	60	6 x M10	SBM 1220	244	5.50	17.0	60	6 x M10						
						SBM 1390	278	5.60	17.3	60	6 x M10						

* Value for initial filling (E22).

The cell type shows the rated capacity in ampere hours (Ah).

7. Changing electrolyte

In most stationary battery applications, the electrolyte will retain its effectiveness for the life of the battery. However, under special battery operating conditions, if the electrolyte is found to be carbonated, the battery performance can be restored by replacing the electrolyte.

The electrolyte type to be used for replacement in these cells is: E13.

Refer to "Electrolyte Instructions".

8. Environment

To protect the environment all used batteries must be recycled. Contact your local Saft representative for further information.

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Important recommendations

- Never allow an exposed flame or spark near the batteries, particularly while charging.
- Never smoke while performing any operation on the battery.
- For protection, wear rubber gloves, long sleeves, and appropriate splash goggles or face shield.
- The electrolyte is harmful to skin and eyes. In the event of contact with skin or eyes, wash immediately with plenty of water. If eyes are affected, flush with water, and obtain immediate medical attention.
- Remove all rings, watches and other items with metal parts before working on the battery.
- Use insulated tools.
- Avoid static electricity and take measures for protection against electric shocks.
- Discharge any possible static electricity from clothing and/or tools by touching an earth-connected part "ground" before working on the battery.

1. Receiving the shipment

Unpack the battery immediately upon arrival. Do not overturn the package. Transport seals are located under the cover of the vent plug.

- The battery is normally shipped empty and discharged, do not remove the plastic transport seals until ready to fill the battery.
- If the battery is shipped filled and charged, the battery is ready for installation. Remove the plastic transport seals only before use.

The battery must never be charged with the transport seals in place as this can cause permanent damage.

2. Storage

Store the battery indoors in a dry, clean, cool location (0°C to +30°C / +32°F to +86°F) and well ventilated space on open shelves.

Do not store in direct sunlight or expose to excessive heat.

■ Cells empty and discharged

- Saft recommends to store cells empty and discharged. This ensures compliance with IEC 60623 section 4.9 (storage)
- Cells can be stored like this for many years.

■ Cells filled and charged

- If cells are stored filled, they must be fully charged prior to storage.

- Cells may be stored filled and charged for a period not exceeding 12 months from date of dispatch.

Storage of a filled battery at temperatures above +30°C (+86°F) can result in loss of capacity. This can be as much as 5 % per 10°C (18°F) above +30°C (+86°F) per year.

■ When deliveries are made in cardboard boxes, store without opening the boxes.

■ When deliveries are made in plywood boxes, open the boxes before the storage. The lid and the packing material on top of the cells must be removed.

3. Installation

3.1. Location

Install the battery in a dry and clean room. Avoid direct sunlight and heat. The battery will give the best performance and maximum service life when the ambient temperature is between +10°C to +30°C (+50°F to +86°F).

3.2. Ventilation

During the last part of charging, the battery is emitting gases (oxygen and hydrogen mixture). At normal float-charge the gas evolution is very small but some ventilation is necessary.

Note that special regulations for ventilation may be valid in your area depending on the application.

3.3. Mounting

Verify that cells are correctly interconnected with the appropriate polarity. The battery connection to load should be with nickel plated cable lugs. Recommended torques for terminal bolts are:

- M 6 = 11 ± 1.1 N.m
- M 8 = 20 ± 2 N.m
- M 10 = 30 ± 3 N.m

The connectors and terminals should be corrosion-protected by coating with a thin layer of anti-corrosion oil.

Remove the transport seals and close the vent plugs.

3.4. Electrolyte / cell oil

■ Cells delivered empty and discharged:

If the electrolyte is supplied dry, prepare it according to its separate instructions sheet. The electrolyte to be used is E22. Remove the transport seals just before filling.

Fill the cells about 20 mm above the lower level mark with electrolyte.

Wait 4 to 24 hours and adjust if necessary before commissioning.

It is recommended to add the cell oil after the commissioning charge, with the syringe, according to the quantity indicated in the Table B.

■ Cells delivered filled and charged:

Check the level of electrolyte. It should not be more than 20 mm below the upper level mark. If this is not the case, adjust the level with distilled or deionized water. Cells delivered filled have already the cell oil in place.

4. Commissioning

Verify that the ventilation is adequate during this operation.

A good commissioning is important. Charge at constant current is preferable.

When the charger maximum voltage setting is too low to supply constant current charging, divide the battery into two parts to be charged individually.

If the current limit is lower than indicated in the Table A, charge proportionally for a longer time.

■ For cells filled on location or for filled cells which have been stored more than 6 months:

- charge 10 h at 0.2 C₅ A (recommended)
- or charge for 30 h at 1.65 V/cell, current limited to 0.2 C₅ A.
- discharge at 0.2 C₅ A to 1.0 V/cell
- charge according to the section below.

■ For cells filled and charged by the factory and stored less than 6 months:

- charge 10 h at 0.2 C₅ A (recommended)
- or charge 24 h at 1.65 V/cell, current limited to 0.2 C₅ A.
- or charge 48 h at 1.55 V/cell, current limited to 0.2 C₅ A.

■ Cell oil & electrolyte after commissioning: wait for 4 hours after commissioning. Cells delivered filled by the factory have already the cell oil in place.

For cells filled on location, add the cell oil with the syringe, according to the quantity indicated in the Table B.

Check the electrolyte level and adjust it to the upper level mark by adding:

- distilled or deionized water for cells filled by the factory
- electrolyte for cells filled on location.

The battery is ready for use.

5. Charging in service

■ Continuous parallel operation, with occasional battery discharge. Recommended charging voltage (+20°C to +25°C / +68°F to +77°F):

For two level charge:

- float level = 1.42 ± 0.01 V/cell for L cells
- = 1.40 ± 0.01 V/cell for M and H cells

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- high level = 1.47 - 1.70 V/cell for L cells
 - = 1.45 - 1.70 V/cell for M and H cells.
- A high voltage will increase the speed and efficiency of the recharging.

For single level charge:

1.43 - 1.50 V/cell.

■ Buffer operation, where the load exceeds the charger rating. Recommended charging voltage (+20°C to +25°C / +68°F to +77°F): 1.50 - 1.60 V/cell.

6. Periodic Maintenance

■ Keep the battery clean using only water. Do not use a wire brush or solvents of any kind. Vent plugs can be rinsed in clean water if necessary.

■ Check the electrolyte level. Never let the level fall below the minimum level mark. Use only distilled or deionized water to top-up. Experience will tell the time interval between topping-up.

Note: Once the battery has been filled with the correct electrolyte either at the battery factory or during the battery commissioning, there is no need to check the electrolyte density periodically. Interpretation of density measurements is difficult and could be misleading.

■ Check every two years that all connectors are tight. The connectors and terminal bolts should be corrosion-protected by coating with a thin layer of anti-corrosion oil.

■ Check the charging voltage. If a battery is parallel connected, it is important that the recommended charging voltage remains unchanged. The charging voltage should be checked at least once yearly. High water consumption of the battery is usually caused by improper voltage setting of the charger.

7. Changing electrolyte

In most stationary battery applications, the electrolyte will retain its effectiveness for the life of the battery. However, under special battery operating conditions, if the electrolyte is found to be carbonated, the battery performance can be restored by replacing the electrolyte.

Table B: Non standard range

Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole	Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole	Cell type	Charging current 0.2 C ₅ A (A)	Electrolyte per cell		Quant. of oil ml/vent	Cell connect. bolt per pole	
		Solid* (kg)	Liquid (l)					Solid* (kg)	Liquid (l)					Solid* (kg)	Liquid (l)			
SBL 7.5	1.5	0.08	0.24	10	M6	SBM 86	17	0.42	1.3	30	M8	SBH 25	5.0	0.30	0.92	15	M6	
SBL 16	3.2	0.11	0.35	10	M6	SBM 287	57	1.39	4.3	50	2 x M10	SBH 38	7.6	0.39	1.2	20	M6	
SBL 30	6.0	0.15	0.46	15	M6	SBM 359	72	1.62	5.0	60	2 x M10	SBH 51	10	0.42	1.3	25	M8	
SBL 37	7.4	0.22	0.69	15	M6	SBM 431	86	2.07	6.4	50	3 x M10	SBH 64	13	0.52	1.6	30	M8	
SBL 45	9.0	0.19	0.59	20	M6	SBM 540	108	2.43	7.5	60	3 x M10	SBH 77	15	0.52	1.6	30	M10	
SBL 48	9.6	0.28	0.86	15	M6	SBM 575	115	2.78	8.6	50	4 x M10	SBH 89	18	0.61	1.9	40	M10	
SBL 59	12	0.23	0.7	30	M6	SBM 720	144	3.24	10.0	60	4 x M10	SBH 102	20	0.68	2.1	40	M10	
SBL 70	14	0.32	1.0	25	M8	SBM 900	180	4.05	12.5	60	5 x M10	SBH 115	23	0.91	2.8	50	M10	
SBL 90	18	0.39	1.2	25	M8							SBH 128	26	0.84	2.6	50	M10	
SBL 102	21	0.39	1.2	30	M10							SBH 141	28	1.07	3.3	60	M10	
SBL 131	27	0.49	1.5	30	M10							SBH 153	31	1.04	3.2	60	M10	
SBL 135	27	0.55	1.7	40	M10							SBH 179	36	1.23	3.8	40	2 x M10	
SBL 167	34	0.65	2.0	50	M10							SBH 204	41	1.36	4.2	40	2 x M10	
SBL 173	35	0.65	2.0	40	M10							SBH 230	46	1.81	5.6	50	2 x M10	
SBL 199	40	0.78	2.4	60	M10							SBH 256	51	1.68	5.2	50	2 x M10	
SBL 214	43	0.74	2.3	50	M10							SBH 281	56	2.14	6.6	60	2 x M10	
SBL 237	48	0.97	3.0	40	2 x M10							SBH 307	61	2.10	6.5	60	2 x M10	
SBL 256	52	0.94	2.9	60	M10							SBH 345	69	2.72	8.4	50	3 x M10	
SBL 269	54	1.13	3.5	40	2 x M10							SBH 383	77	2.52	7.8	50	3 x M10	
SBL 301	61	1.20	3.7	50	2 x M10							SBH 422	84	3.17	9.8	60	3 x M10	
SBL 304	61	1.13	3.5	40	2 x M10							SBH 460	92	3.14	9.7	60	3 x M10	
SBL 334	67	1.26	3.9	50	2 x M10							SBH 510	102	3.37	10.4	50	4 x M10	
SBL 346	70	1.26	3.9	40	2 x M10							SBH 560	112	4.24	13.1	60	4 x M10	
SBL 366	74	1.42	4.4	60	2 x M10							SBH 615	123	4.21	13.0	60	4 x M10	
SBL 387	78	1.36	4.2	50	2 x M10													
SBL 398	80	1.55	4.8	60	2 x M10													
SBL 429	86	1.49	4.6	50	2 x M10													
SBL 470	94	1.68	5.2	60	2 x M10													
SBL 500	100	1.91	5.9	50	3 x M10													
SBL 510	102	1.88	5.8	60	2 x M10													
SBL 595	119	2.33	7.2	60	3 x M10													
SBL 600	120	2.14	6.6	47	3 x M10													
SBL 645	129	2.23	6.9	50	3 x M10													
SBL 665	133	2.56	7.9	50	4 x M10													
SBL 770	154	2.78	8.6	60	3 x M10													
SBL 795	159	3.11	9.6	60	4 x M10													
SBL 835	167	3.11	9.6	50	5 x M10													
SBL 860	172	2.98	9.2	50	4 x M10													
SBL 995	199	3.88	12.0	60	5 x M10													
SBL 1020	204	3.72	11.5	60	4 x M10													
SBL 1070	214	3.72	11.5	50	5 x M10													
SBL 1280	256	4.66	14.4	60	5 x M10													
SBL 1450	290	5.31	16.4	57	6 x M10													
SBL 1540	308	5.60	17.3	60	6 x M10													

* Value for initial filling [E22].

The cell type shows the rated capacity in ampere hours (Ah).

The electrolyte type to be used for replacement in these cells is: E13.

Refer to "Electrolyte Instructions".

8. Environment

To protect the environment all used batteries must be recycled. Contact your local Saft representative for further information.

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