

Soft batteries for military applications

Non-rechargeable batteries

Battery name	Chemistry	Nominal Voltage (V)	Nominal capacity (Ah)	Operating temperature range	Weight (g)	Dimensions max. (mm) Height x diameter Height x Width x Depth	NATO Stock Nbr	Most typical application	Made in
BA 5112 A/U	Li-SO ₂	11.2	2.3	-40/+70°C	180	77.8 x 57.2 x 39.1	6135-01-235-4168	Radiocommunication	USA
BA 5360	Li-MnO ₂	8.0	13.0	-40/+70°C	540	186.31 x 39.62	6135-01-517-4955	Communication terminal	USA
BA 5372 /U	Li-MnO ₂	6.0	0.5	-40/+70°C	20	16.5 x 33.0	6135-01-214-6441	Radiocommunication	USA
BA 5380	Li-MnO ₂	6.0	13.0	-40/+70°C	327	128.5 x 35.51	6135-01-517-4954	GPS	USA
BA 5390 /U	Li-MnO ₂	15.0/30.0	24.8/12.4	-40/+70°C	1410	127 x 111.8 x 62	6135-01-036-3495	Radiocommunication	USA
BA 5557 A/U	Li-SO ₂	14.0/28.0	4.4/2.2	-40/+70°C	500	100.1 x 106.3 x 37.3	6135-01-088-2707	Radiocommunication	USA
BA 5567 A/U	Li-SO ₂	2.8	1.0	-40/+70°C	20	25.9 x 19.9	6135-01-090-5363	Night vision	USA
BA 5588 A/U	Li-SO ₂	13.5	3.5	-40/+70°C	295	96 x 90 x 31	6135-00-088-2708	Radiocommunication	USA
BA 5590 A/U	Li-SO ₂	13.5/27.0	15.0/7.5	-40/+70°C	1020	127 x 111.8 x 62.2	6135-01-523-3037	Radiocommunication***+	USA
BA 5590 B/U*	Li-SO ₂	13.5/27.0	15.0/7.5	-40/+70°C	1020	127 x 111.8 x 62.2	6135-01-036-3495	Radiocommunication	USA
BA 5590 HC	Li-SO ₂	13.5/27.0	18.2/9.1	-40/+70°C	1020	127 x 111.8 x 62.2	tbd	Radiocommunication	USA
BA 5598 A/U	Li-SO ₂	13.5	7.5	-40/+70°C	680	120.7 x 92 x 54	6135-01-034-2239	Radiocommunication	USA
BA 5599 A/U	Li-SO ₂	8.1	7.5	-40/+70°C	450	152 x 38 x 64	6135-01-069-8575	Radio tester	USA
BA 5600 A/U	Li-SO ₂	8.1	7.5	-40/+70°C	360	185.9 x 39.4	6135-01-168-2944	Communication terminal	USA
BA 5800 A/U	Li-SO ₂	5.3	7.5	-40/+70°C	220	128.5 x 35.5	6135-99-798-9851	Compact Air Supply Unit (CASU) & GPS	USA
BA 5847 B/U	Li-SO ₂	5.3	7.5	-40/+70°C	220	95 x 64.8 x 38	6135-01-090-5364	Radiocommunication + Mine detector	USA
BT 5313	Li-SO ₂	25.2	7.2	-40/+70°C	1100	131 x 110 x 65	n/a	Missile launcher	USA
BT 5790	Li-SO ₂	14.0	7.5	-40/+70°C	630	186.5 x 35.7 x 66.7	n/a	Radiocommunication	USA
BT 5791	Li-SO ₂	14.0	15.0	-40/+70°C	1200	186.5 x 70.0 x 65.3	n/a	Radiocommunication	USA
G 6-104	Li-SO ₂	5.6	7.5	-60/+70°C	200	128.5 x 35.5	6135-99-798-9851	GPS + other applications	UK
G 6-105	Li-SO ₂	5.6	3.2	-60/+70°C	110	55 x 28.1 x 56	6135-99-658-9085	Aircraft probe	UK
G 9-124	Li-SO ₂	8.4	7.5	-40/+70°C	370	110 x 42 x 83	6135-14-383-9768	Missile launcher	UK
G 15-114	Li-SO ₂	14.0	1.9	-60/+70°C	270	90.6 x 40.3 x 71	6135-99-795-4351	Radiocommunication + other applications	UK
G 15-127	Li-SO ₂	2 x 14.0	34 or 68	-60/+70°C	3500	216 x 152 x 92	6135-99-794-2896	Special forces	UK
G 18-115	Li-SO ₂	16.8	7.5	-60/+70°C	850	131.6 x 66.8 x 128	6135-99-795-4350	Radiocommunication + other applications	UK
G 30-101	Li-SO ₂	28.0	7.5	-60/+70°C	1500	184.5 x 73.5 x 80	6135-99-747-4430	Radiocommunication + other applications	UK
G 30-102/B	Li-SO ₂	28.0	16.0	-60/+70°C	2500	184 x 72.5 x 133	6135-99-840-0109	Radiocommunication + other applications	UK
Li/3	Li-SO ₂	8.4	7.5	-40/+70°C	450	110 x 42 x 81	6135-14-383-9768	Missile launcher & night vision	USA
PS 40A	Li-SOCl ₂	14.0	4.6	-60/+85°C	285	108 x 65 x 49	6135-14-420-1760	Radiocommunication	France
PS 42A	Li-SOCl ₂	7.0	9.0	-60/+85°C	230	69.9 x 67.2 x 34	6135-14-434-0766	Radiocommunication	France
PS 48B	Li-SOCl ₂	17.5	18.0	-60/+85°C	1150	212.4 x 72.7 x 68.5	6135-14-451-7198	Radiocommunication	France
PS 52A	Li-SOCl ₂	7.2	12.5	-60/+85°C	225	77.5 x 63.5 x 34.6	6135-14-459-9265	Radiocommunication	France
PS 53B	Li-SOCl ₂	21.0	12.5	-60/+85°C	720	210.5 x 68.5 x 37.5	6135-14-459-9266	Radiocommunication	France
3.M20**	Li-MnO ₂	9.0	10.5	-40/+70°C	360	65 x 64 x 69	-	EPIRB	Germany
4.M52 HR**	Li-MnO ₂	12.0	4.5	-40/+70°C	270	40 x 58.5 x 105	6135-12-322-9102	ABC protective equipment	Germany
5.M20**	Li-MnO ₂	15.0	10.5	-40/+70°C	740	100 x 110	6135-12-310-5164	ABC protective equipment	Germany
6.M20**	Li-MnO ₂	18.0	10.5	-40/+70°C	710	124 x 64 x 69	6135-12-346-1035	EPIRB	Germany
6.M20**	Li-MnO ₂	18.0	10.5	-40/+70°C	950	80 x 90 x 125	-	Military use	Germany
10.M20**	Li-MnO ₂	30.0	10.5	-40/+70°C	1500	162 x 68 x 109	6135-12-339-0295	ABC protective equipment	Germany
MIRA**	Li-MnO ₂	30.0	20.0	-40/+70°C	2500	133 x 72 x 184	6135-12-329-3740	Thermal sight system MIRA (for missile system MILAN)	Germany
MR 506**	Li-MnO ₂	18.0	1.8	-40/+70°C	200	37 x 56 x 78	6135-12-339-9599	Emergency radio	Germany
MR 509**	Li-MnO ₂	9.0	4.5	-40/+70°C	180	54 x 37 x 75	6135-12-353-2558	Emergency radio	Germany
SEM 52**	Li-MnO ₂	9.0	4.5	-40/+70°C	208	65 x 33 x 78.5	6135-12-308-9723	Radiocommunication (SEM 52)	Germany
SEM 70**	Li-MnO ₂	18.0	10.5	-40/+70°C	750	38 x 72 x 191	6135-12-309-8604	Radiocommunication (SEM 70)	Germany
SEM 91/93**	Li-MnO ₂	9.0	4.5	-40/+70°C	208	65 x 33 x 78.5	6135-12-355-0737	Radiocommunication (SEM 91/93)	Germany

* Features two sets of terminals

** Friemann & Wolf battery

*** Features state of charge indicator

Please note that all lithium metal batteries are subject to UN Transport Regulations and are assigned for transport according to either of the following UN classification numbers, UN 3090 or UN 3091.



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SAFT

Saft batteries for military applications

Rechargeable batteries

Battery name	Alternative names	Saft Part Number	Nominal Voltage (V)	Nominal capacity (Ah)	Weight (g)	Dimensions (nominal) Height x Width x Depth	Gas Gauge	NATO Stock Nbr	Most typical application
BA 684A	ALI 142 BA 639 TRC 9100	08143Z	7.5	2.6	350	89 x 68 x 38	5 LED	-	Hand held radio
BA 684A	ALI 142 TRC 9100	08232S	7.5	6.8	450	89 x 68 x 38	5 LED	-	Hand held radio
BA 684A	ALI 142 TRC 9100	08379V	7.5	4.8	390	89 x 68 x 38	5 LED	-	Hand held radio
BA 685A	ALI 116 ALI 143 TRC 9200	08266C	15.0	13.6	1700	259 x 79 x 73	5 LED	6140-14-529-5973	Manpack radio
BB 2386	06552E	06552E	11.25	13.6	1300	241 x 92 x 56	-	-	Manpack radio
BB 2590	BB 2590 BB 2590 HC	38186502400 38186502401	15/30 15/30	7.8/15.6 9.6/19.2	1450 1520	112 x 63 x 127 112 x 63 x 127	LCD LCD	6140-01-490-8092 -	Manpack radio
BB 2800	08034L	08034L	7.4	5.4	265	Ø = 129 x 35.5	-	-	GPS
BB 2847	PRC-68 PRM-34 TS-3951	06611S	7.5	6.8	370	96 x 66 x 39	10 LED	6140-01-493-8092	Thermal weapon sight
BB 5087	06580K	06580K	15.0	5.3	510	137 x 56 x 65	-	-	Fire control
Clansman™*	PRC-351	08181F	26.0	13.6	3000	136 x 193 x 72	-	-	Manpack radio
ECLIPS™	Clansman™	0097-250-019	24.0	12.0	3200	128 x 212 x 75	3 LED	6140-99-580-6345	Manpack radio
LTV	08352S	08352S	3.75	6.8	190	70.5 x 62.0 x 21.5	-	-	Training. Simulation
PES*	08340E	08340E	15.0	6.8	620	150 x 82 x 46	5 LED	-	Portable Energy System
RGS*	08258U	08258U	11.25	4.8	500	85.5 x 73 x 55	4 LED	-	Unattended ground sensors
SOPHIE™	A86 Mirabel™	06554G	11.25	5.3	530	145 x 62.6 x 55.5	-	6140-14-527-4774	Thermal imaging
SOPHIE™	A86 Mirabel™	08151P 08153K	11.25	5.3	530	145 x 62.6 x 55.5	LED	-	Thermal imaging
SOPHIE™	A86 Mirabel™	08314C	11.25	2.6	360	145 x 62.6 x 55.5	-	-	Thermal imaging

The operating temperature range for these batteries is - 30/+ 60°C

The above selection of rechargeable military batteries is representative of a much larger range available to military OEMs and developers of military equipment. Saft has hundreds of battery references for current and on-going military programs, special development projects and purpose-made equipment. For further information or assistance please contact your local Saft representative.

All trademarked™ names remain the property of their respective owners and are used here for descriptive purposes only.

* Features SMBus

Please note that all lithium metal batteries are subject to UN Transport Regulations and are assigned for transport according to either of the following UN classification numbers, UN 3480 or UN 3481.



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