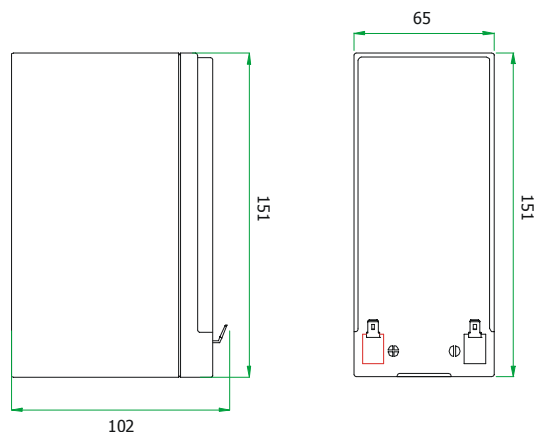
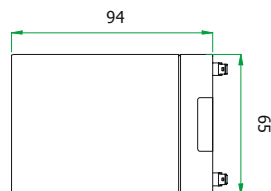


TECHNICAL DATA

Nominal voltage U_n	12 V	
Nominal capacity (C_{20} @ 20°C)	7 Ah	
Technology - Separator	AGM	
Designed service life (years)	10 - 12	
Classification according to EUROBAT	High Performance	
Dimensions	Length	151 mm
	Width	65 mm
	Height	94 mm
Weight	2,55 Kg	
Terminals	Fast-on 250 (6,35 mm)	
Max. tightening torque	Nie dotyczy	
Available capacity at 20°C at 1,75 V/cell	20 h	7,00 Ah
	10 h	6,30 Ah
	5 h	5,50 Ah
	3 h	5,13 Ah
	1 h	4,23 Ah
Capacity C_{20} in dependence on operating temperature	40°C	102 %
	20°C	100 %
	0°C	85 %
	-15°C	65 %
Range of operating temperatures	charging	-15°C + + 50°C
	discharging	-20°C + + 60°C
Internal resistance	25,0 mΩ	
Max. discharge current (20°C)	90 A (5s)	
Constant voltage charging 15-25°C	Buffer operation	2,25-2,30 V/cell
	Cyclic operation	2,35-2,40 V/cell
Temperature compensation	Buffer operation	± 3,0 mV/°C/cell
	Cyclic operation	± 5,0 mV/°C/cell
Max. charge current	1,75 A	
Self-discharge during storage at 20°C	Capacity after 1 month	98 %
	Capacity after 3 months	94 %
	Capacity after 6 months	86 %



DISCHARGE CHARACTERISTICS

Cut-off voltage	Discharge time (minutes), watts / cell at 20°C												
	5	10	15	20	25	30	35	40	45	60	90	120	180
1,85 V/cell	29,96	22,76	18,85	16,23	14,17	12,44	11,15	10,17	9,41	7,68	5,68	4,50	3,23
1,80 V/cell	34,15	26,46	20,87	17,63	15,01	13,08	11,64	10,55	9,83	7,94	5,73	4,59	3,29
1,75 V/cell	34,97	28,14	21,74	18,01	15,42	13,36	11,86	10,73	9,94	8,02	5,78	4,60	3,30
1,70 V/cell	36,61	28,71	22,17	18,39	15,60	13,53	11,97	10,85	10,05	8,10	5,86	4,67	3,39
1,65 V/cell	38,12	29,11	22,56	18,59	15,81	13,65	12,08	10,96	10,14	8,18	5,89	4,70	3,40
1,60 V/cell	39,85	29,96	23,22	18,90	16,02	13,84	12,28	11,07	10,29	8,27	5,98	4,74	3,41
Cut-off voltage	Discharge time (minutes), Amps at 20°C												
	5	10	15	20	25	30	35	40	45	60	90	120	180
1,85 V/cell	16,09	12,18	10,06	8,63	7,49	6,57	5,87	5,36	4,92	4,00	2,93	2,32	1,65
1,80 V/cell	18,62	14,38	11,30	9,46	8,04	7,00	6,19	5,57	5,18	4,17	3,00	2,38	1,69
1,75 V/cell	19,31	15,47	11,88	9,76	8,29	7,18	6,33	5,72	5,28	4,23	3,03	2,40	1,71
1,70 V/cell	20,38	15,89	12,19	10,05	8,49	7,32	6,43	5,81	5,35	4,28	3,08	2,44	1,75
1,65 V/cell	21,34	16,15	12,44	10,19	8,63	7,40	6,51	5,87	5,42	4,33	3,10	2,46	1,76
1,60 V/cell	22,40	16,70	12,83	10,36	8,76	7,52	6,64	5,95	5,51	4,39	3,14	2,48	1,78

OPERATION FEATURES

- Maintenance-free in respect of electrolyte checks and refilling
- Electrolyte absorbed into a spongy structure of glass fibre separators – technology AGM
- Safe operation ensured by the self-sealing system of safety valves
- Wide range of operating temperatures
- Sealed to exclude any electrolyte leakage
- Energy-efficient plates
- Fast charging
- Casing made of shock resistant slow burning ABS resin
- Low self-discharge level – less than 3% per month
- Compliant with BS6290 Pt 4, IEC 896-2, DIN 43534, EUROBAT
- FAA and IATA approved as safe in transport
- Manufacture compliant with ISO 9001

