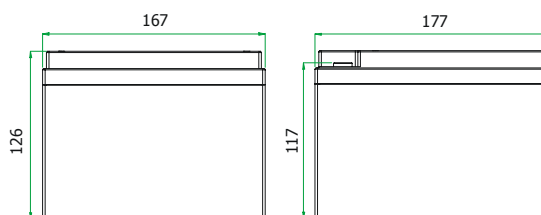
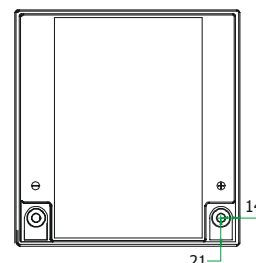


TECHNICAL DATA

Nominal voltage U_n	12,0 V	
Nominal capacity (C_{20} @ 20°C)	26 Ah	
Technology - Separator	AGM	
Designed service life (years)	6-9	
Classification according to EUROBAT	General Purpose	
Dimensions	Length	177,0 mm
	Width	167,0 mm
	Height	126,0 mm
Weight	8,20 Kg	
Terminals	Thread M 5	
Max. tightening torque	5-6 Nm	
Available capacity at 20°C at 1,75 V/ cell	20 h	26,0 Ah
	10 h	24,0 Ah
	5 h	21,6 Ah
	3 h	17,6 Ah
	1 h	16,1 Ah
Capacity C_{20} in dependence on operating temperature	40°C	103 %
	20°C	100 %
	0°C	86 %
	-15°C	65 %
Range of operating temperatures	charging	-15°C + + 50°C
	discharging	-20°C + + 60°C
Internal resistance	11,5 mΩ	
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	6,5 A	
Self-discharge during storage at 20°C	Capacity after 1 month	97 %
	Capacity after 3 months	91 %
	Capacity after 6 months	83 %



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
1,75 V/cell	141,23	108,26	83,65	68,61	58,73	50,88	45,17	40,89	37,88	30,56	21,33	16,44	11,32
1,70 V/cell	147,83	110,45	85,30	70,05	59,41	51,55	45,62	41,34	38,29	30,85	21,60	16,68	11,62
1,65 V/cell	153,92	112,01	86,81	70,83	60,23	51,99	46,02	41,75	38,65	31,17	21,72	16,79	11,66
1,60 V/cell	160,93	115,27	89,35	72,00	61,04	52,71	46,77	42,19	39,20	31,50	22,03	16,93	11,71
Cut-off voltage	Discharge time (minutes), Amps at 20°C												
	5	10	15	20	25	30	35	40	45	60	90	120	180
1,75 V/cell	77,97	59,52	45,72	37,16	31,59	27,36	24,11	21,78	20,10	16,10	11,16	8,57	5,85
1,70 V/cell	82,29	61,14	46,92	38,29	32,33	27,87	24,51	22,14	20,39	16,31	11,35	8,70	6,02
1,65 V/cell	86,17	62,12	47,88	38,83	32,89	28,20	24,81	22,38	20,66	16,50	11,44	8,78	6,05
1,60 V/cell	90,44	64,25	49,38	39,49	33,37	28,63	25,28	22,68	20,99	16,73	11,59	8,85	6,09

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
- Low internal resistance level and high charge current
- Perfect charging parameters
- 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, ISO 9001

BASIC APPLICATIONS

- Uninterruptible power supplies (UPS)
- Telecommunication and power industry
- Alarm, fire protection and emergency lighting systems
- Electronic tills, vending machines, parking meters
- Cable TV, medical equipment
- Solar energy systems