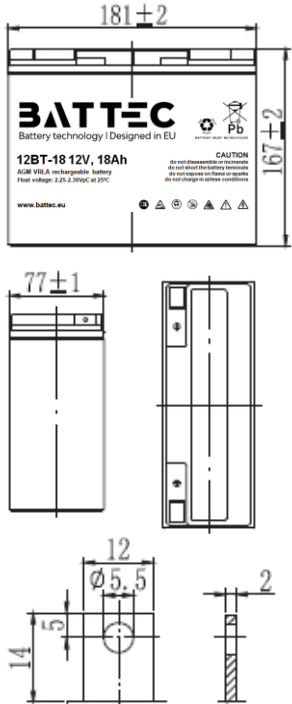


Technical Characteristics	
Nominal voltage (V)	12
Capacity (Ah), C20 (1,75 V/cell, 25°C)	18
Design life at 20°C (floating charge)	10 years
Dimensions in mm (LxWxH1xH2) H1 = Height to the lid, H2 = Height to the pole	181 x 77 x 167 x 167
Approx. weight (kg)	5,30
Maximum discharge current (A, 5sec)	270
Internal resistance (mΩ)	15
Floating charge (V/cell, 25°C)	2,25 - 2,30 (temp. compensation -20mV/C°)
Cyclic use / Boost charge (V/cell, 25°C)	2,35 - 2,40 (temp. compensation -30mV/C°)
Recommended max. charging current (A)	5,4
Operating Temperature Range	Discharge: -20°C+50°C Charge: -20°C+50°C Storage: -20°C+55°C
Self-discharge rate per month at 25 °C	Approx. 3%
Container material	ABS (UL94-HB) UL94V0 available upon request
Terminal type	Flag Type M5
Recommended operating temperature	10°C+30°C



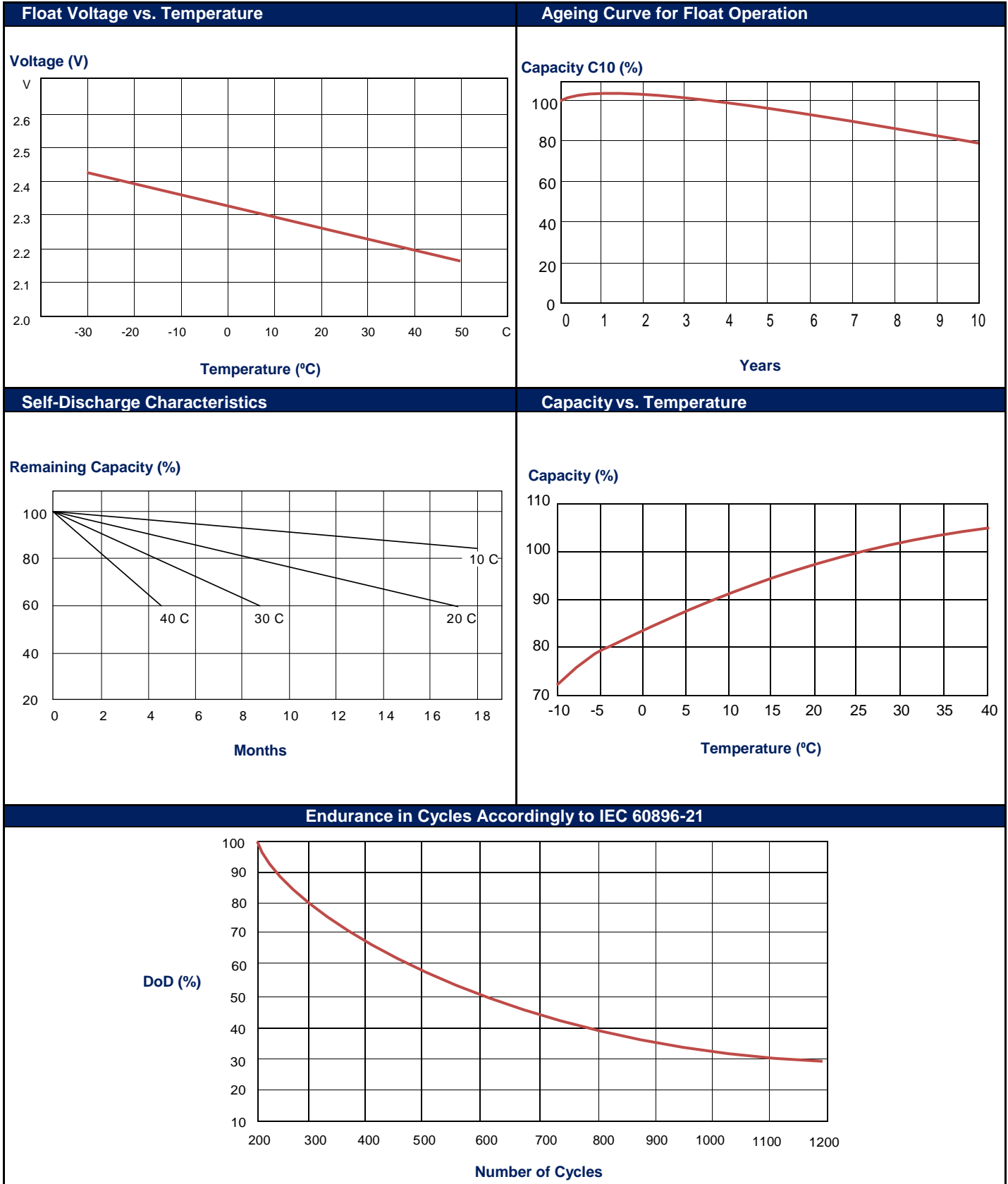
Specifications	Features	Applications
<ul style="list-style-type: none"> Valve-regulated lead-acid battery (VRLA) Absorbent Glass Mat (AGM) technology for efficient gas recombination of up to 99% Stationary and reserve power applications Sealed for leak-proof operation Delivered ready for use Can be mounted in any orientation Long service life Maintenance-free operation 	<ul style="list-style-type: none"> Not restricted for air transport-complies with IATA/ICAO Special Provision A67 UL-recognized component Manufacture standards: ISO 9001 ISO 14001 Applicable standards: IEC 60896 - 21/22, EN 50272 – 2 BS 6290 Part 4, EUROBAT 	<ul style="list-style-type: none"> UPS systems Signalling Automation and control systems Fire & security alarm systems Emergency lighting Telecommunications Power tools Portable equipment Toys

Constant Current Discharge in A (at 25°C)

End Voltage (V/cell)	Discharge Time									
	5min	10min	15min	30min	1 h	2 h	3 h	5 h	10 h	20 h
1,60 V	62.2	40.6	32.13	18.00	11.03	6.08	4.35	2.94	1.61	0.91
1,65 V	60.7	39.4	31.29	17.64	10.87	6.05	4.33	2.92	1.60	0.91
1,70 V	58.1	37.7	30.17	17.10	10.59	5.99	4.30	2.90	1.59	0.90
1,75 V	55.6	36.1	29.14	16.69	10.38	5.90	4.27	2.88	1.58	0.90
1,80 V	52.2	34.1	27.60	16.07	10.06	5.75	4.14	2.79	1.55	0.85

Constant Power Discharge in W (at 25°C)

End Voltage (V/cell)	Discharge Time									
	5min	10min	15min	30min	1 h	2 h	3 h	5 h	10 h	20 h
1,60 V	696	458	366.0	206.3	127.8	71.2	51.7	35.1	19.29	10.94
1,65 V	677	445	357.0	202.2	125.9	70.8	51.4	34.9	19.22	10.89
1,70 V	646	426	344.0	196.0	122.7	70.1	51.0	34.6	19.12	10.82
1,75 V	622	407	332.0	191.2	120.2	69.1	50.7	34.4	19.01	10.80
1,80 V	587	384	314.6	184.2	116.5	67.3	49.2	33.4	18.63	10.15



NOTE: Data in this document are subject to change without notice and become contractual only after written confirmation.