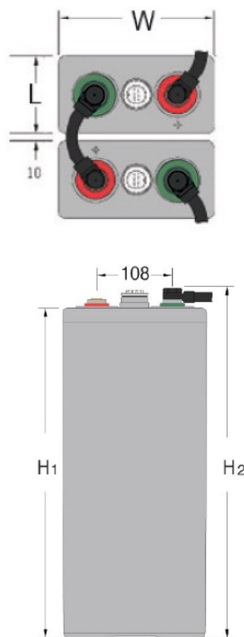


ARG-5-OPzV-535 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	585	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	435	
Number of plates (+) per cell	5	
Floating voltage set point (V/cell)	2,25	
Maximum initial charge current (A)	0,3 C10	
Recommended Boost Charge Voltage (V/cell)	2,35	
Recommended End of Discharge voltage for 120-hr rate (V/cell)	1,85	
Short circuit current (A)	3720	
Internal resistance (mOhm)	0,550	
Number of cycles at 60% depth of discharge (20°C)	2500	
Self-discharge rate per month at 20 °C	Approx. 2%	
Dimensions in mm (LxWxH1/H2) H1 = Height to the lid H2 = Height including connectors & bolts	124 x 206 x 471 x 499	
Weight (kg)	30,1	
Type and number of poles	M10 / 2	
Operating Temperature / Recommended Temperature	-20°C to 45°C / 10°C - 30°C	

*All dimensions and weights shown are subject to manufacturing tolerances.

** Vertical installation is the default installation for the cells. For horizontal installation special cells are available upon customer request.

CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

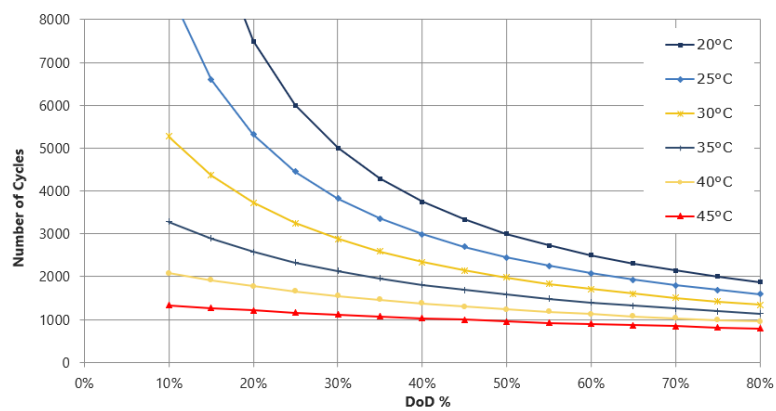
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	43,50	37,52	24,52	21,00	11,47	11,06	7,96	5,89	4,97	3,61	2,55
1,83 V	42,28	36,59	24,07	20,65	11,33	10,92	7,88	5,83	4,92	3,58	2,53
1,85 V	41,01	35,58	23,56	20,24	11,17	10,78	7,79	5,77	4,87	3,55	2,51
1,90 V	36,52	31,81	21,31	18,39	10,33	9,98	7,28	5,44	4,62	3,38	2,40
1,92 V	34,19	29,84	20,10	17,37	9,82	9,49	6,95	5,21	4,42	3,25	2,32
2,00 V	22,03	19,43	13,48	11,79	6,94	6,72	5,01	3,81	3,25	2,42	1,74

CONSTANT POWER DISCHARGE IN W/CELL (AT 20°C)

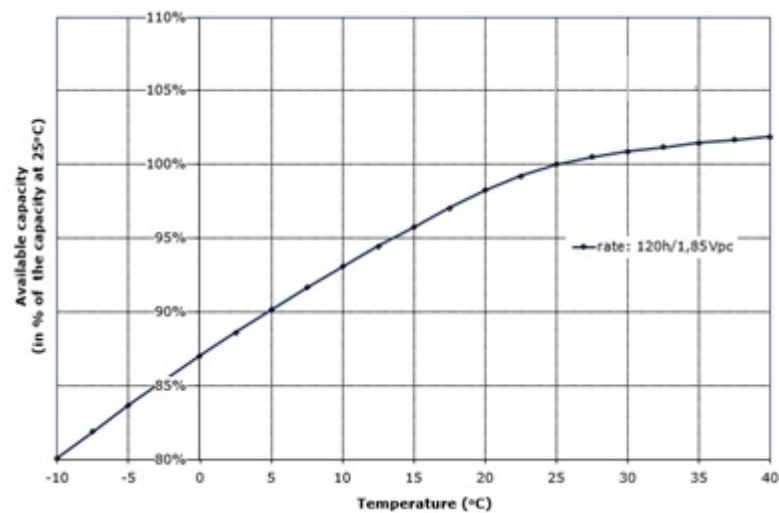
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	84,31	72,98	48,09	41,29	22,77	21,97	15,90	11,81	9,98	7,28	5,16
1,83 V	82,10	71,29	47,28	40,66	22,51	21,73	15,75	11,71	9,90	7,23	5,12
1,85 V	79,82	69,45	46,33	39,92	22,23	21,46	15,58	11,60	9,82	7,17	5,09
1,90 V	71,66	62,59	42,20	36,50	20,67	19,98	14,64	10,98	9,33	6,86	4,90
1,92 V	67,37	58,94	39,94	34,60	19,72	19,06	14,01	10,54	8,97	6,61	4,74
2,00 V	44,26	39,09	27,24	23,86	14,14	13,69	10,25	7,82	6,69	4,99	3,60



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



GUIDANCE FOR THE INITIAL LOW-VOLTAGE DISCONNECT SETTINGS (25°C REFERENCE TEMPERATURE)

