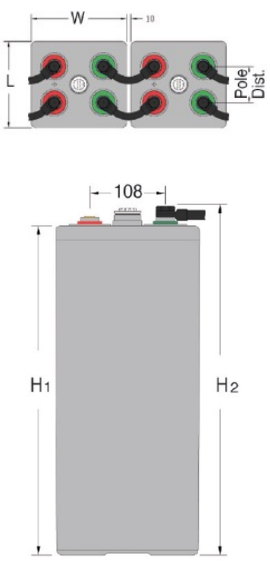


ARG-9-OPzV-1400 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	1529	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	1125	
Number of plates (+) per cell	9	
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)	6900	
Internal resistance (mOhm)	0,295	
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	233 x 210 x 646 x 674	
Weight (kg)	76,0	
Type and number of poles	M10 / 4	
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)

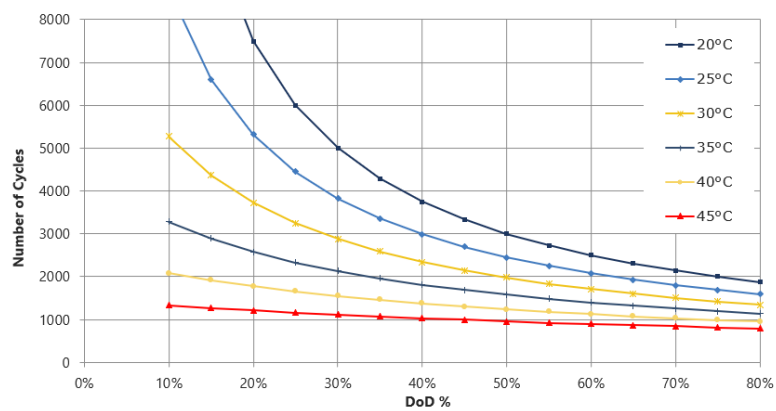
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	112,50	97,27	63,84	54,72	29,97	28,90	20,84	15,42	13,01	9,46	6,68
1,83 V	108,59	94,26	62,43	53,63	29,54	28,50	20,59	15,25	12,88	9,37	6,62
1,85 V	104,89	91,25	60,82	52,37	29,07	28,05	20,31	15,08	12,74	9,28	6,57
1,90 V	92,41	80,78	54,52	47,14	26,64	25,73	18,82	14,09	11,96	8,78	6,25
1,92 V	86,07	75,41	51,19	44,35	25,23	24,39	17,89	13,44	11,42	8,40	6,01
2,00 V	53,97	47,79	33,49	29,37	17,42	16,88	12,62	9,62	8,23	6,13	4,41

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

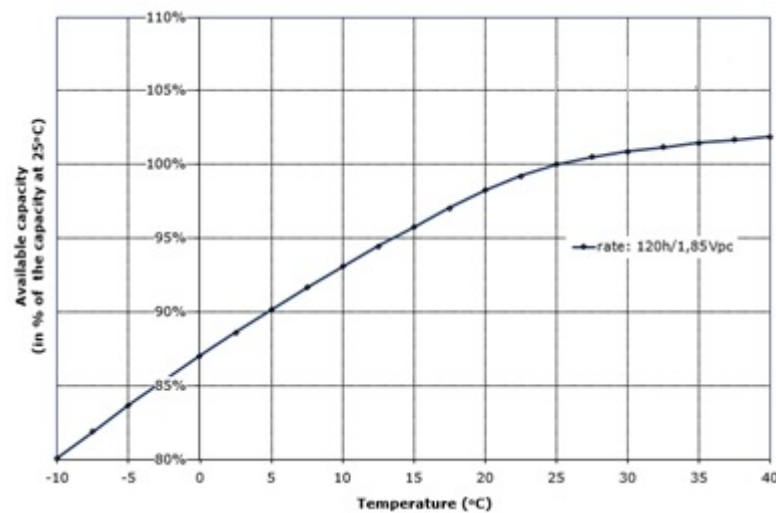
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	216,86	188,22	124,69	107,18	59,31	57,23	41,47	30,83	26,08	19,04	13,51
1,83 V	209,84	182,80	122,12	105,21	58,54	56,51	41,02	30,53	25,84	18,88	13,40
1,85 V	203,24	177,37	119,19	102,91	57,67	55,68	40,52	30,21	25,59	18,71	13,30
1,90 V	180,70	158,38	107,63	93,30	53,16	51,38	37,74	28,37	24,13	17,77	12,71
1,92 V	169,03	148,46	101,44	88,09	50,53	48,86	36,00	27,13	23,11	17,06	12,24
2,00 V	108,21	95,97	67,55	59,34	35,45	34,35	25,78	19,72	16,90	12,62	9,12



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

