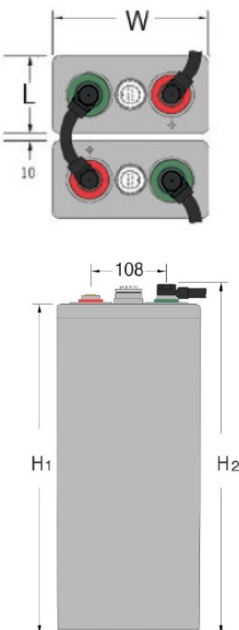


ARG-6-OPzV-640 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	702	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	522	
Number of plates (+) per cell	6	
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)	4400	
Internal resistance (mOhm)	0,467	
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	145 x 206 x 471 x 499	
Weight (kg)	35,6	
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)

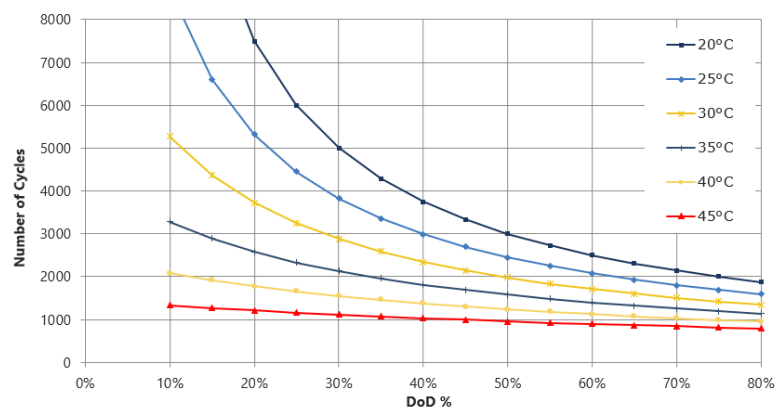
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	52,20	45,03	29,44	25,21	13,77	13,28	9,57	7,07	5,97	4,33	3,06
1,83 V	50,69	43,88	28,89	24,78	13,60	13,12	9,46	7,00	5,91	4,30	3,03
1,85 V	49,14	42,64	28,25	24,28	13,41	12,94	9,35	6,93	5,85	4,26	3,01
1,90 V	43,69	38,07	25,52	22,03	12,39	11,97	8,74	6,53	5,54	4,06	2,89
1,92 V	40,87	35,69	24,05	20,80	11,77	11,38	8,33	6,25	5,31	3,90	2,78
2,00 V	26,23	23,14	16,08	14,07	8,30	8,03	5,99	4,56	3,90	2,90	2,08

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

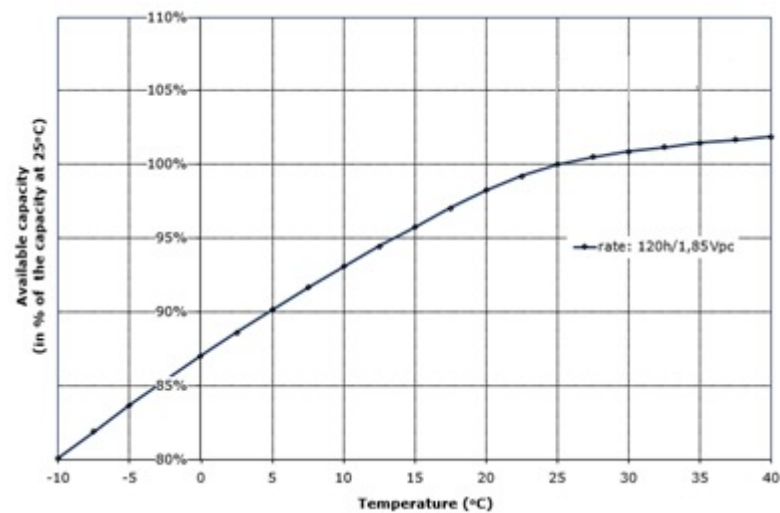
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	101,11	87,53	57,71	49,55	27,33	26,38	19,09	14,18	11,99	8,75	6,20
1,83 V	98,37	85,44	56,71	48,77	27,02	26,08	18,90	14,06	11,89	8,68	6,15
1,85 V	95,59	83,19	55,54	47,86	26,68	25,75	18,70	13,93	11,79	8,61	6,11
1,90 V	85,69	74,87	50,52	43,71	24,78	23,95	17,56	13,18	11,20	8,23	5,88
1,92 V	80,49	70,46	47,78	41,41	23,62	22,84	16,79	12,64	10,76	7,93	5,68
2,00 V	52,67	46,55	32,49	28,47	16,91	16,38	12,27	9,36	8,02	5,98	4,32



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

