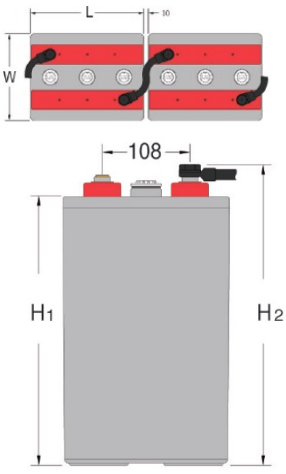


ARG-6V-5-OPzV-315 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	359	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	275	
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)	3200	
Internal resistance (mOhm)	1,92	
Number of cycles at 60% depth of discharge (20°C)	2000	
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	380 x 205 x 332 x 372	
Weight (kg)	62,9	
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)

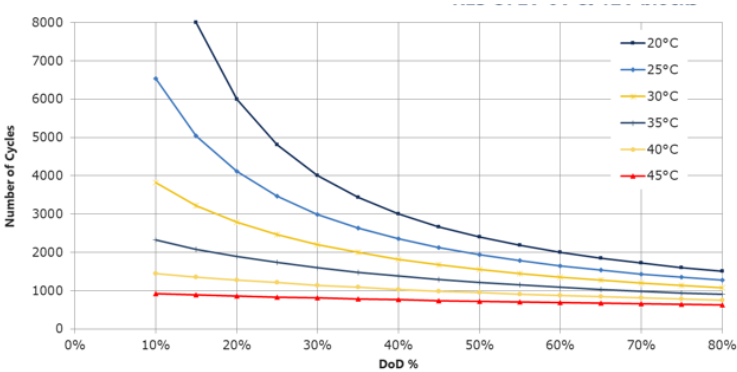
DISCHARGE TIME											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	27,50	23,63	15,32	13,08	7,10	6,84	4,91	3,62	3,05	2,21	1,55
1,83 V	26,72	23,03	15,02	12,85	7,00	6,75	4,85	3,58	3,02	2,19	1,54
1,85 V	25,91	22,37	14,66	12,57	6,89	6,65	4,79	3,54	2,99	2,17	1,53
1,90 V	22,99	19,92	13,20	11,36	6,33	6,12	4,45	3,32	2,81	2,06	1,46
1,92 V	21,48	18,65	12,41	10,70	6,01	5,80	4,24	3,17	2,69	1,97	1,40
2,00 V	13,58	11,92	8,21	7,17	4,20	4,07	3,03	2,30	1,96	1,45	1,04

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

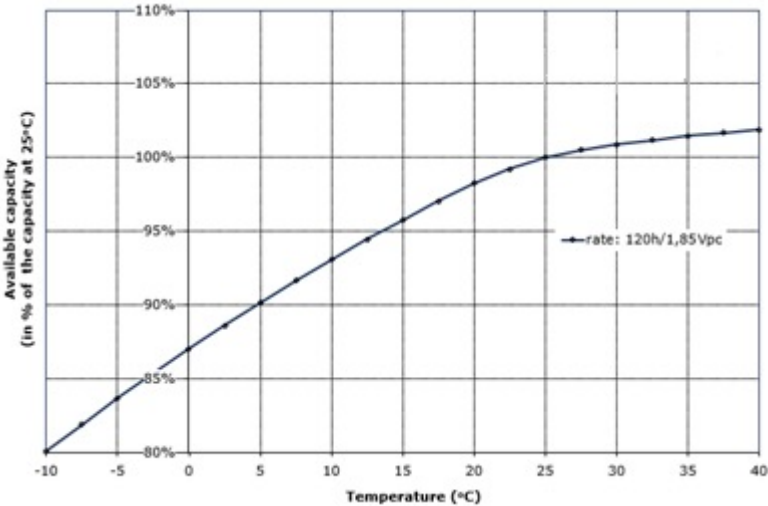
DISCHARGE TIME											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	53,38	46,01	30,03	25,71	14,07	13,57	9,79	7,25	6,12	4,45	3,15
1,83 V	51,98	44,91	29,48	25,28	13,90	13,41	9,69	7,19	6,07	4,42	3,12
1,85 V	50,51	43,72	28,85	24,78	13,70	13,22	9,58	7,11	6,01	4,38	3,10
1,90 V	45,18	39,24	26,14	22,54	12,67	12,24	8,95	6,70	5,69	4,17	2,97
1,92 V	42,37	36,86	24,67	21,31	12,06	11,65	8,55	6,42	5,46	4,01	2,86
2,00 V	27,29	23,99	16,59	14,50	8,57	8,30	6,20	4,72	4,04	3,00	2,16



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

