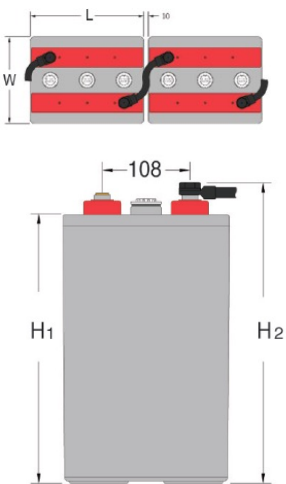


ARG-6V-4-OPzV-250 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	287	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	220	
Number of plates (+) per cell	4	
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)	2640	
Internal resistance (mOhm)	2,325	
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	272 x 205 x 332 x 372	
Weight (kg)	48,5	
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)

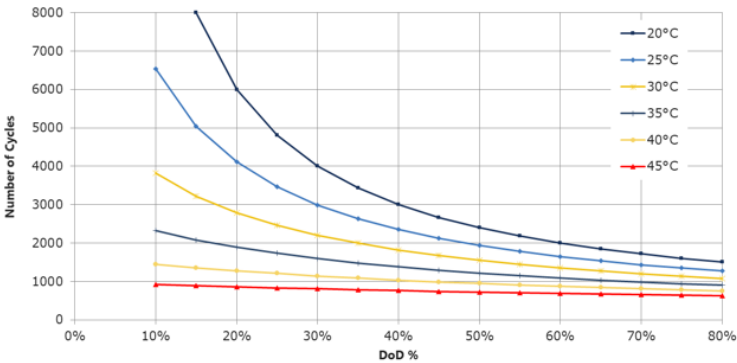
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	22,00	18,91	12,26	10,47	5,68	5,47	3,93	2,90	2,44	1,77	1,24
1,83 V	21,38	18,42	12,01	10,28	5,60	5,40	3,88	2,87	2,41	1,75	1,23
1,85 V	20,73	17,90	11,73	10,06	5,51	5,32	3,83	2,83	2,39	1,73	1,22
1,90 V	18,39	15,94	10,56	9,08	5,07	4,89	3,56	2,66	2,25	1,65	1,17
1,92 V	17,18	14,92	9,93	8,56	4,81	4,64	3,39	2,54	2,15	1,58	1,12
2,00 V	10,87	9,54	6,57	5,73	3,36	3,26	2,42	1,84	1,57	1,16	0,83

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

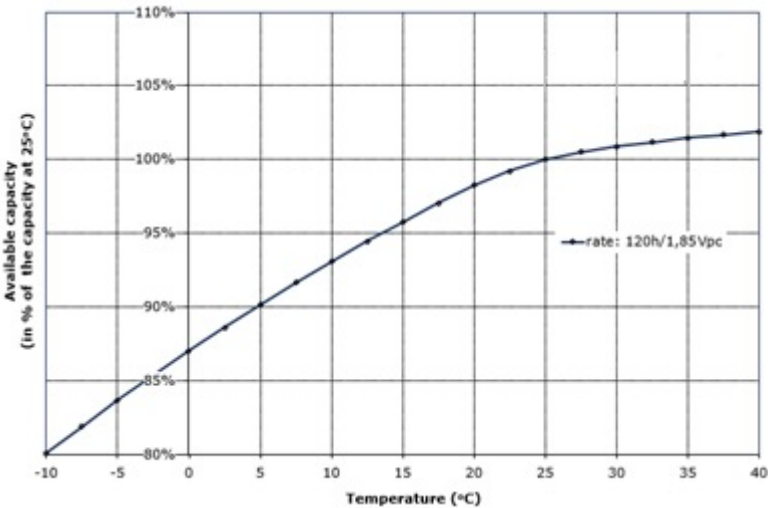
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	42,71	36,80	24,03	20,57	11,26	10,86	7,83	5,80	4,90	3,56	2,52
1,83 V	41,58	35,93	23,59	20,23	11,12	10,73	7,75	5,75	4,86	3,53	2,50
1,85 V	40,41	34,97	23,08	19,82	10,96	10,58	7,66	5,69	4,81	3,50	2,48
1,90 V	36,15	31,39	20,91	18,03	10,14	9,79	7,16	5,36	4,55	3,34	2,37
1,92 V	33,90	29,49	19,74	17,05	9,65	9,32	6,84	5,13	4,36	3,21	2,29
2,00 V	21,83	19,19	13,27	11,60	6,85	6,64	4,96	3,78	3,23	2,40	1,73



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

