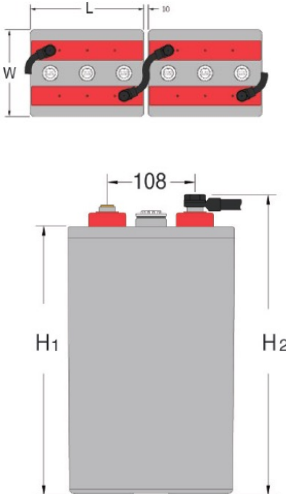


ARG-6V-6-OPzV-380 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	430	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	330	
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)	3720	
Internal resistance (mOhm)	1,650	
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)	69,8	
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)

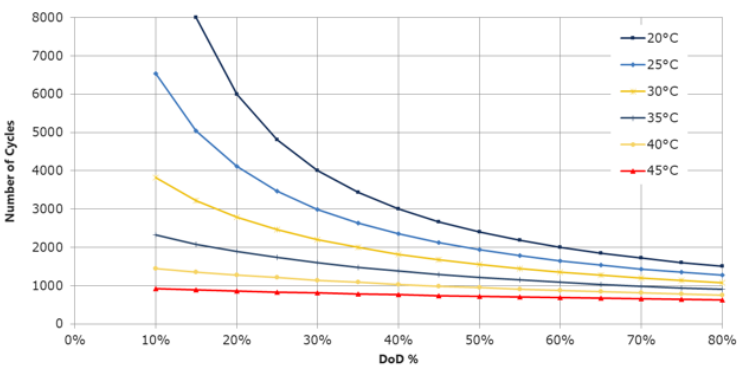
DISCHARGE TIME											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	33,00	28,36	18,38	15,70	8,51	8,21	5,89	4,34	3,66	2,65	1,86
1,83 V	32,07	27,63	18,02	15,42	8,40	8,10	5,82	4,30	3,62	2,62	1,85
1,85 V	31,09	26,84	17,60	15,08	8,27	7,98	5,75	4,25	3,59	2,60	1,83
1,90 V	27,59	23,91	15,84	13,63	7,60	7,34	5,34	3,99	3,38	2,47	1,75
1,92 V	25,77	22,37	14,89	12,84	7,21	6,96	5,09	3,81	3,23	2,37	1,68
2,00 V	16,30	14,31	9,85	8,60	5,04	4,88	3,64	2,76	2,36	1,74	1,25

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

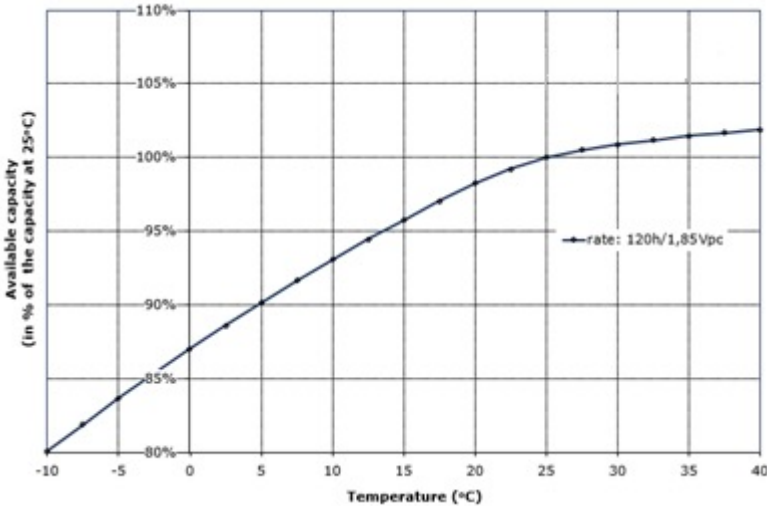
DISCHARGE TIME											
End Voltage (V/cell)	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	64,06	55,21	36,04	30,86	16,89	16,29	11,75	8,70	7,35	5,34	3,78
1,83 V	62,37	53,89	35,38	30,34	16,68	16,09	11,63	8,62	7,28	5,30	3,75
1,85 V	60,61	52,46	34,61	29,74	16,45	15,87	11,49	8,54	7,22	5,26	3,72
1,90 V	54,22	47,09	31,37	27,05	15,20	14,69	10,74	8,04	6,83	5,01	3,56
1,92 V	50,85	44,23	29,60	25,57	14,47	13,98	10,26	7,70	6,55	4,82	3,43
2,00 V	32,75	28,79	19,90	17,40	10,28	9,96	7,44	5,67	4,85	3,60	2,59



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

