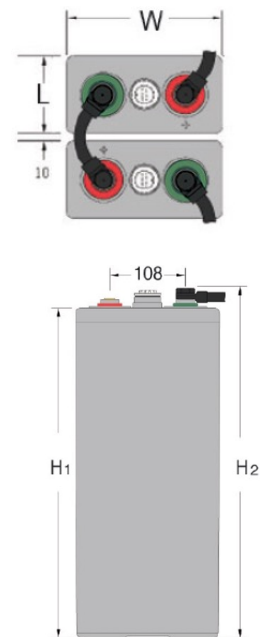


# ARG-6-OPzV-435 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C120 (1,85 V/cell, 20°C)	495
Capacity (Ah), C10 (1,80 V/cell, 20°C)	366
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)	0,550
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 354 x 382
Weight (kg)	25,9
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)

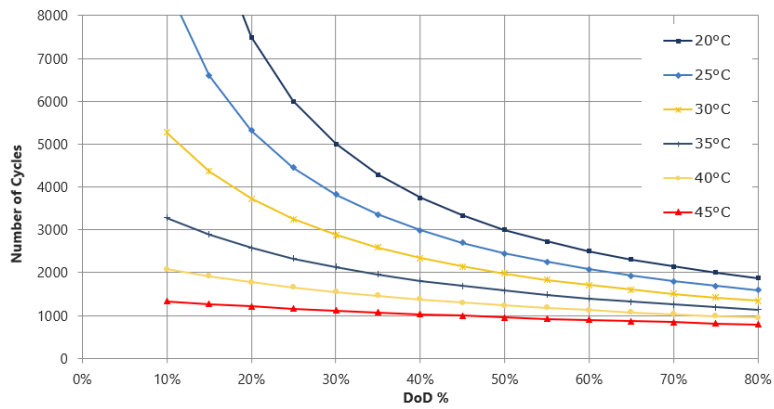
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	36,60	31,58	20,66	17,70	9,68	9,34	6,73	4,98	4,20	3,06	2,16
1,83 V	35,58	30,79	20,27	17,39	9,56	9,22	6,66	4,93	4,16	3,03	2,14
1,85 V	34,51	29,93	19,82	17,04	9,42	9,09	6,58	4,88	4,12	3,00	2,12
1,90 V	30,69	26,72	17,88	15,43	8,68	8,39	6,13	4,59	3,89	2,86	2,03
1,92 V	28,70	25,04	16,84	14,56	8,24	7,96	5,84	4,38	3,73	2,74	1,96
2,00 V	18,27	16,10	11,17	9,77	5,77	5,59	4,18	3,19	2,73	2,03	1,46

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

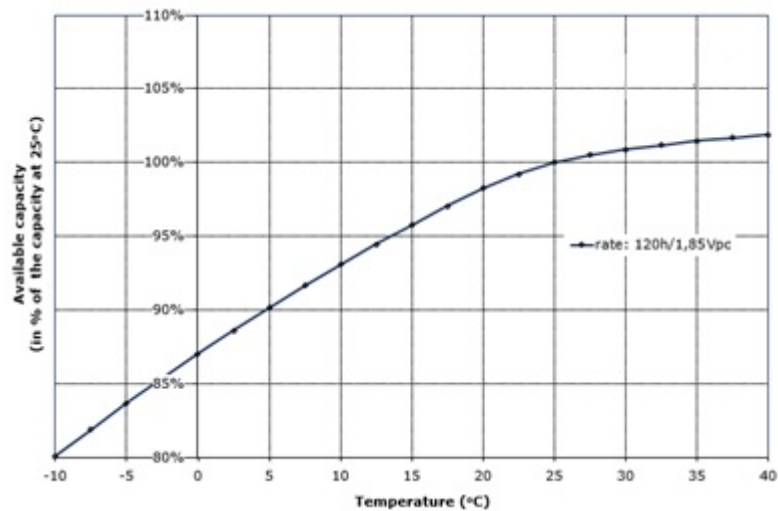
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	70,94	61,40	40,49	34,77	19,20	18,53	13,42	9,98	8,44	6,17	4,37
1,83 V	69,08	59,97	39,78	34,21	18,97	18,31	13,29	9,89	8,37	6,12	4,34
1,85 V	67,16	58,41	38,95	33,56	18,72	18,07	13,14	9,79	8,29	6,07	4,31
1,90 V	60,21	52,55	35,39	30,61	17,35	16,77	12,31	9,25	7,87	5,79	4,14
1,92 V	56,54	49,43	33,45	28,97	16,53	15,98	11,76	8,86	7,55	5,58	4,00
2,00 V	36,69	32,38	22,56	19,77	11,76	11,39	8,55	6,54	5,61	4,19	3,03



## EXPECTED NUMBER OF CYCLES VS. DOD



## CAPACITY VS. TEMPERATURE



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

