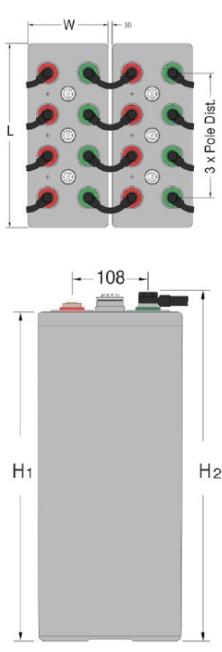


ARG-24-OPzV-4245 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	4710	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	3432	
Number of plates (+) per cell	24	
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)	18900	
Internal resistance (mOhm)	0,108	
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	576 x 212 x 771 x 799	
Weight (kg)	231,6	
Type and number of poles	M10 / 8	
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)

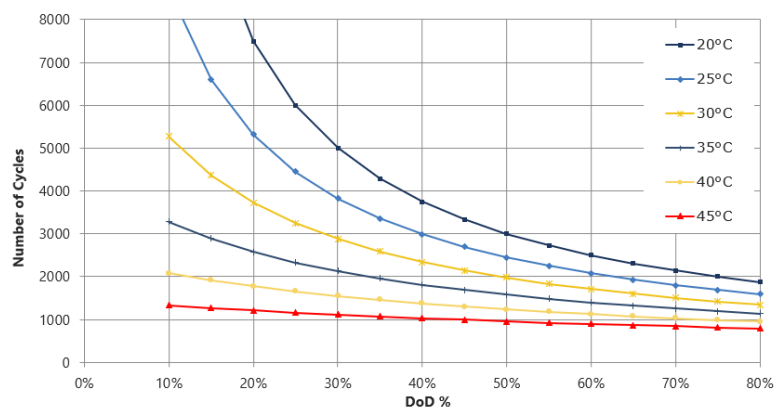
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	343,20	297,39	195,86	167,97	92,12	88,85	64,08	47,43	40,02	29,10	20,55
1,83 V	329,69	286,99	191,13	164,40	90,83	87,63	63,33	46,94	39,64	28,84	20,38
1,85 V	317,72	277,19	185,91	160,34	89,37	86,27	62,53	46,45	39,25	28,59	20,23
1,90 V	278,47	244,35	166,28	144,13	82,03	79,28	58,16	43,64	37,07	27,23	19,41
1,92 V	258,86	227,74	156,06	135,59	77,82	75,24	55,41	41,72	35,51	26,17	18,73
2,00 V	162,55	144,73	102,84	90,58	54,58	52,91	39,82	30,50	26,16	19,54	14,11

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

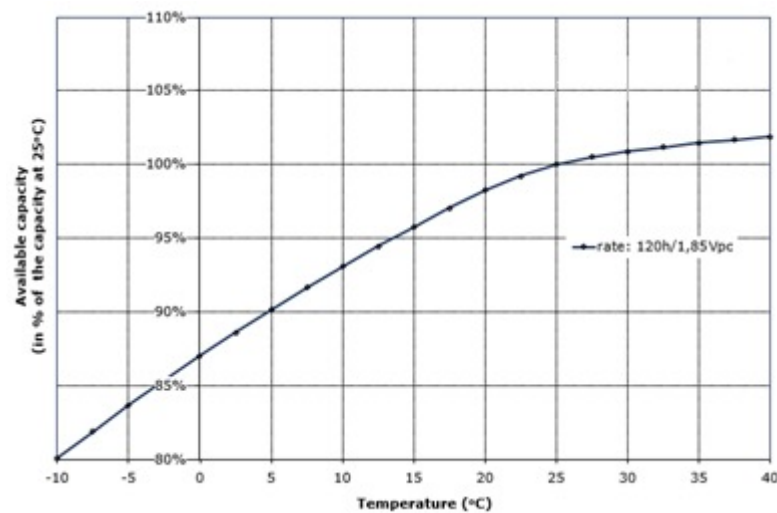
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	658,91	573,52	381,81	328,57	182,33	175,97	127,66	94,97	80,36	58,71	41,67
1,83 V	634,91	554,84	373,22	322,08	179,99	173,76	126,31	94,10	79,67	58,25	41,37
1,85 V	613,72	537,38	363,72	314,66	177,32	171,27	124,85	93,19	78,96	57,79	41,08
1,90 V	543,24	478,09	327,85	284,93	163,73	158,32	116,72	87,95	74,90	55,25	39,55
1,92 V	507,39	447,58	308,89	269,05	155,83	150,76	111,54	84,33	71,95	53,24	38,26
2,00 V	325,63	290,38	207,32	182,96	111,06	107,72	81,42	62,58	53,80	40,32	29,24



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

