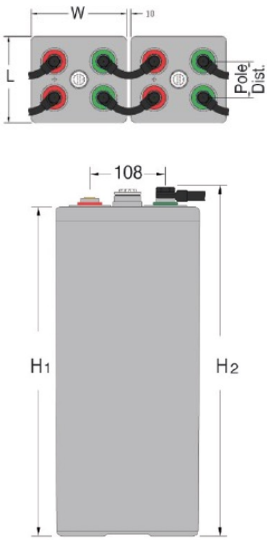


ARG-10-OPzV-1560 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	1699	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	1250	
Number of plates (+) per cell	10	
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)	7700	
Internal resistance (mOhm)	0,265	
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	233 x 210 x 646 x 674	
Weight (kg)	80,4	
Type and number of poles	M10 / 4	
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)

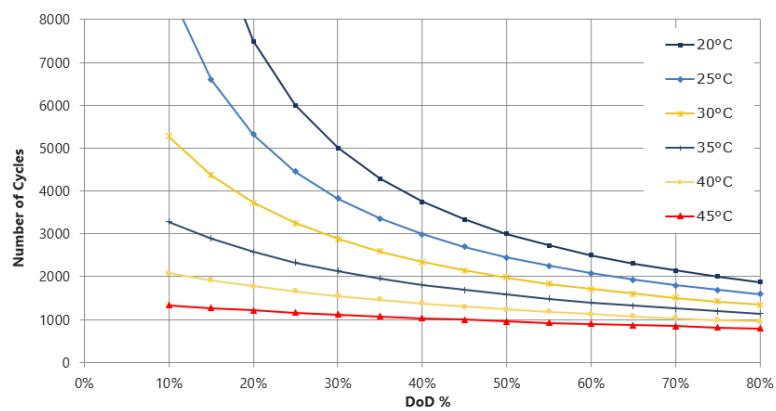
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	125,00	108,07	70,93	60,80	33,30	32,11	23,15	17,13	14,46	10,51	7,42
1,83 V	120,66	104,74	69,36	59,59	32,83	31,67	22,87	16,95	14,31	10,41	7,36
1,85 V	116,54	101,39	67,58	58,19	32,30	31,17	22,57	16,76	14,16	10,31	7,30
1,90 V	102,68	89,76	60,57	52,38	29,60	28,59	20,91	15,66	13,29	9,75	6,95
1,92 V	95,63	83,79	56,88	49,28	28,04	27,10	19,88	14,93	12,69	9,34	6,67
2,00 V	59,97	53,10	37,21	32,63	19,36	18,76	14,02	10,69	9,15	6,81	4,90

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

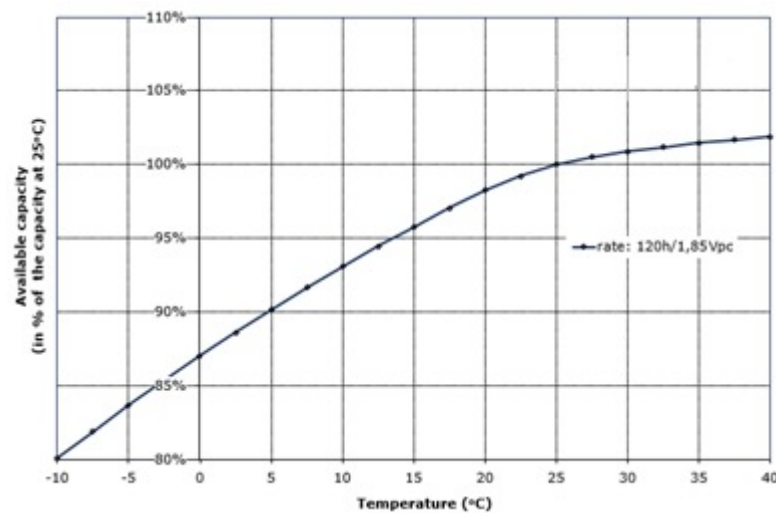
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	240,96	209,13	138,54	119,09	65,90	63,59	46,08	34,25	28,97	21,16	15,01
1,83 V	233,16	203,11	135,69	116,90	65,05	62,79	45,58	33,92	28,71	20,97	14,89
1,85 V	225,83	197,08	132,44	114,34	64,07	61,87	45,03	33,57	28,43	20,79	14,77
1,90 V	200,78	175,98	119,59	103,66	59,07	57,09	41,94	31,52	26,81	19,75	14,12
1,92 V	187,81	164,96	112,71	97,88	56,14	54,29	40,00	30,14	25,68	18,96	13,60
2,00 V	120,23	106,63	75,06	65,93	39,39	38,17	28,65	21,91	18,78	14,02	10,14



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

