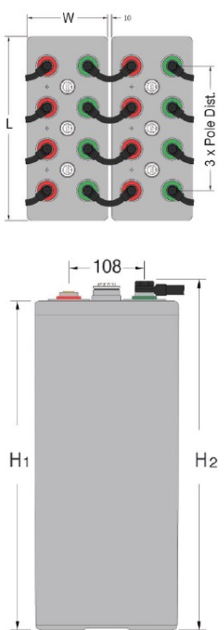


ARG-22-OPzV-3890 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C120 (1,85 V/cell, 20°C)	4312	
Capacity (Ah), C10 (1,80 V/cell, 20°C)	3146	
Number of plates (+) per cell	22	
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)	17750	
Internal resistance (mOhm)	0,115	
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)	221,5	
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)

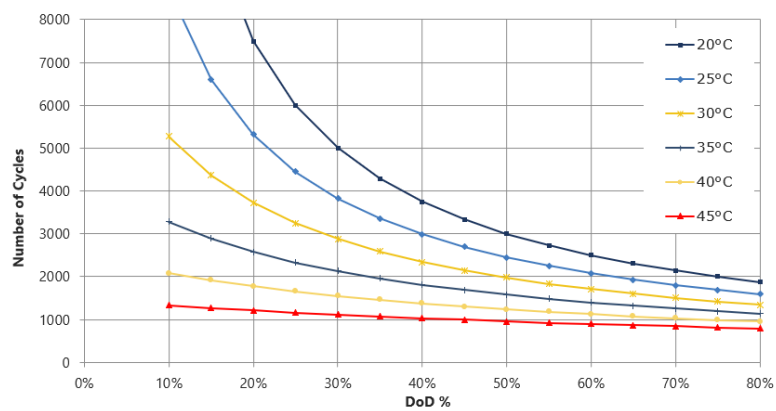
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	314,60	272,52	179,39	153,84	84,35	81,35	58,67	43,42	36,64	26,63	18,81
1,83 V	302,45	263,20	175,16	150,64	83,18	80,25	57,99	42,98	36,29	26,40	18,66
1,85 V	291,60	254,33	170,46	146,98	81,87	79,02	57,27	42,53	35,93	26,17	18,52
1,90 V	255,91	224,48	152,62	132,26	75,21	72,69	53,30	39,98	33,96	24,94	17,77
1,92 V	238,04	209,35	143,31	124,48	71,37	69,01	50,79	38,23	32,54	23,97	17,15
2,00 V	149,92	133,41	94,67	83,34	50,13	48,60	36,55	27,97	23,99	17,91	12,93

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

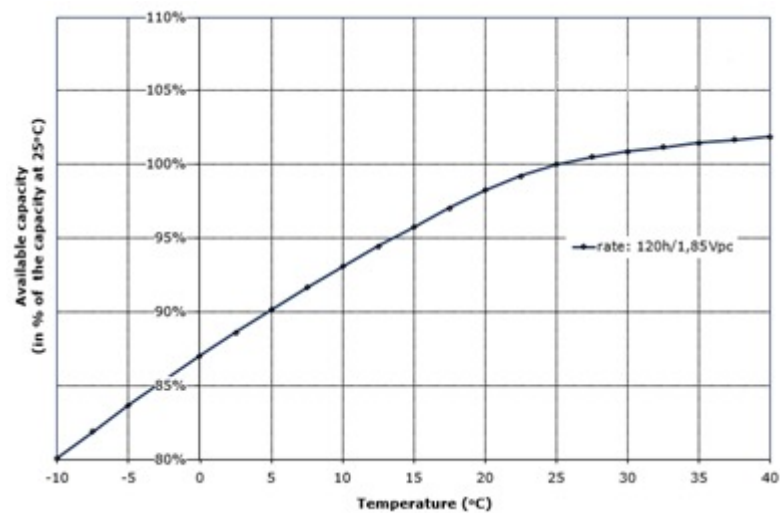
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	604,38	525,88	349,90	301,06	167,00	161,17	116,91	86,97	73,58	53,75	38,14
1,83 V	582,77	509,11	342,20	295,23	164,89	159,18	115,68	86,17	72,95	53,33	37,87
1,85 V	563,54	493,28	333,63	288,55	162,49	156,93	114,37	85,35	72,31	52,91	37,61
1,90 V	499,44	439,36	301,03	261,55	150,16	145,19	107,00	80,60	68,63	50,60	36,21
1,92 V	466,74	411,55	283,76	247,08	142,96	138,29	102,27	77,30	65,94	48,77	35,04
2,00 V	300,39	267,75	190,89	168,37	102,04	98,96	74,74	57,41	49,34	36,97	26,80



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

