

ARG-6-OPzV-935 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C120 (1,85 V/cell, 20°C)	1020
Capacity (Ah), C10 (1,80 V/cell, 20°C)	750
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)	4600
Internal resistance (mOhm)	0,445
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 643 x 671
Weight (kg)	48,3
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)

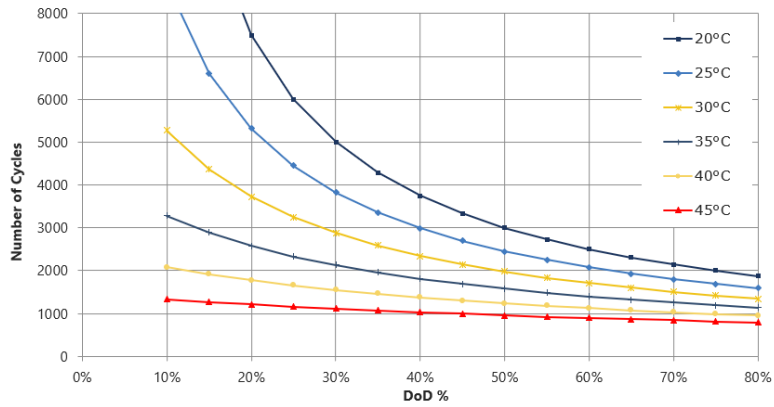
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	75,00	64,86	42,59	36,50	20,00	19,29	13,91	10,29	8,69	6,31	4,46
1,83 V	72,33	62,80	41,62	35,76	19,71	19,02	13,74	10,18	8,60	6,25	4,42
1,85 V	69,83	60,76	40,53	34,91	19,39	18,71	13,55	10,06	8,50	6,19	4,38
1,90 V	61,43	53,72	36,28	31,38	17,75	17,15	12,55	9,40	7,98	5,86	4,17
1,92 V	57,17	50,11	34,05	29,51	16,81	16,24	11,92	8,96	7,62	5,60	4,01
2,00 V	35,72	31,65	22,21	19,49	11,58	11,22	8,40	6,41	5,48	4,08	2,94

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

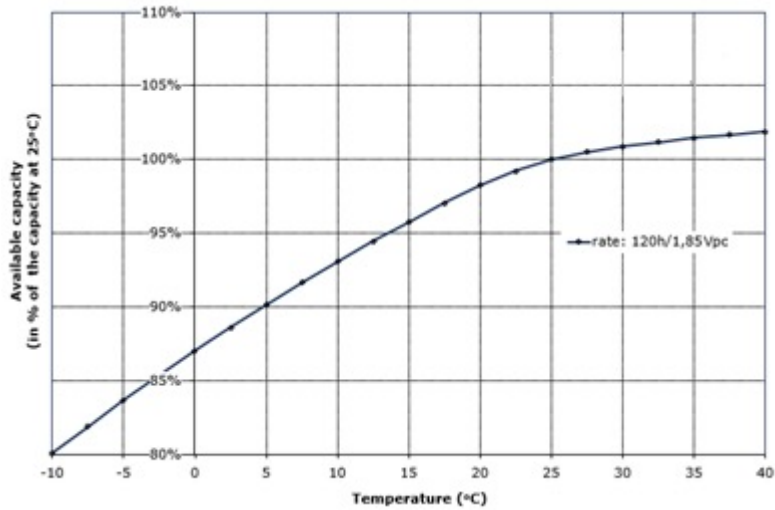
End Voltage (V/cell)	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	144,47	125,43	83,14	71,47	39,56	38,18	27,67	20,57	17,40	12,71	9,02
1,83 V	139,69	121,72	81,38	70,12	39,04	37,69	27,36	20,37	17,24	12,60	8,94
1,85 V	135,23	118,05	79,39	68,56	38,45	37,13	27,03	20,16	17,07	12,49	8,87
1,90 V	120,06	105,28	71,61	62,09	35,41	34,23	25,15	18,91	16,09	11,85	8,48
1,92 V	112,23	98,62	67,45	58,59	33,64	32,53	23,98	18,08	15,41	11,38	8,17
2,00 V	71,59	63,54	44,79	39,36	23,56	22,84	17,15	13,13	11,26	8,41	6,08



EXPECTED NUMBER OF CYCLES VS. DOD



CAPACITY VS. TEMPERATURE



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

