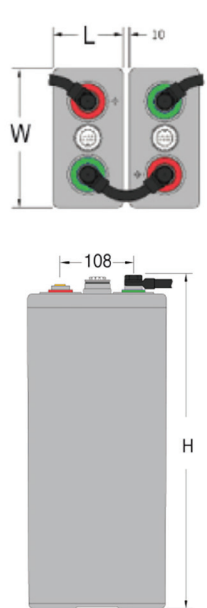


ARG-6-OPZV-420 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	452
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	336
Number of plates (+) per cell	6
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	100 (0,3 C ₁₀)
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 120h rate (V/cell)	1,85
Short circuit current (A)	3620
Internal resistance (mΩ)	0,565
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 / 382
Weight (kg)	26,4
Type and number of poles	M10 / 2



CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

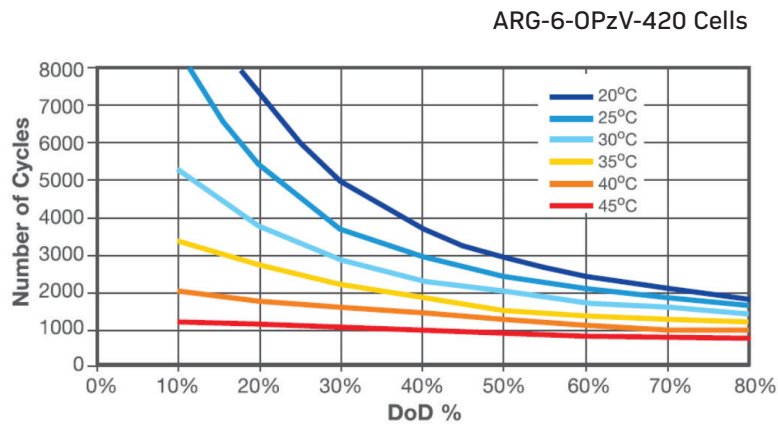
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	33,60	28,95	18,88	16,16	8,80	8,49	6,11	4,52	3,81	2,77	1,96
1,83 V	32,27	27,85	18,24	15,62	8,55	8,25	5,95	4,40	3,72	2,71	1,92
1,85 V	31,09	26,87	17,64	15,13	8,31	8,01	5,79	4,29	3,63	2,65	1,88
1,90 V	27,17	23,55	15,59	13,40	7,44	7,18	5,22	3,89	3,29	2,41	1,72
1,92 V	25,17	21,86	14,54	12,52	6,99	6,75	4,92	3,67	3,11	2,29	1,63
2,00 V	14,73	12,98	8,99	7,86	4,59	4,45	3,30	2,51	2,12	1,55	1,10

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

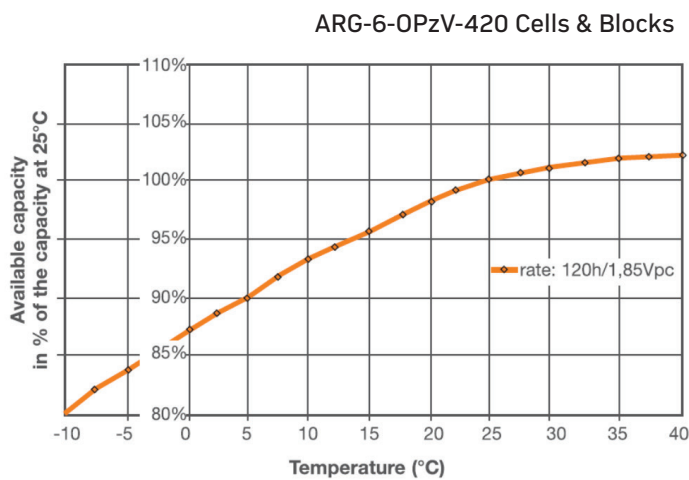
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	63,90	55,26	36,39	31,23	17,22	16,62	12,04	8,95	7,57	5,53	3,95
1,83 V	61,59	53,34	35,24	30,29	16,77	16,18	11,74	8,74	7,40	5,42	3,87
1,85 V	59,52	51,60	34,18	29,40	16,33	15,77	11,46	8,55	7,24	5,31	3,80
1,90 V	52,50	45,65	30,46	26,27	14,74	14,24	10,41	7,79	6,62	4,87	3,50
1,92 V	48,87	42,56	28,53	24,64	13,91	13,44	9,85	7,39	6,29	4,64	3,33
2,00 V	29,21	25,80	17,99	15,75	9,30	9,00	6,71	5,13	4,35	3,20	2,28



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



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

