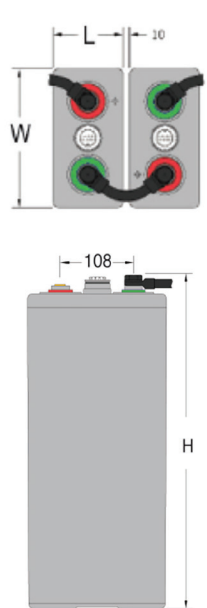


ARG-7-OPZV-686 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	782
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	567
Number of plates (+) per cell	7
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	170 (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)	4740
Internal resistance (mΩ)	0,430
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	166 x 206 x 471 / 499
Weight (kg)	40,8
Type and number of poles	M10 / 2



CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

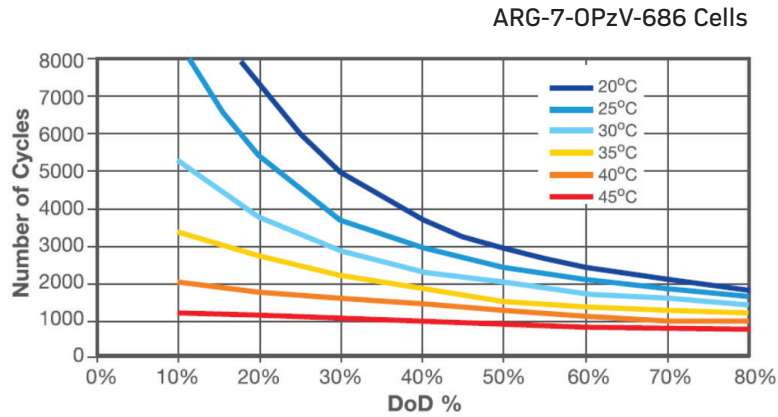
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	56,70	48,99	32,16	27,58	15,14	14,60	10,54	7,82	6,61	4,83	3,44
1,83 V	54,06	46,81	30,88	26,52	14,64	14,13	10,23	7,60	6,43	4,71	3,36
1,85 V	51,82	44,93	29,74	25,57	14,18	13,69	9,94	7,40	6,27	4,60	3,29
1,90 V	44,62	38,85	25,99	22,42	12,60	12,17	8,90	6,67	5,67	4,18	3,00
1,92 V	41,02	35,80	24,10	20,84	11,81	11,41	8,37	6,29	5,35	3,95	2,85
2,00 V	22,92	20,37	14,42	12,69	7,61	7,38	5,53	4,25	3,61	2,68	1,93

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

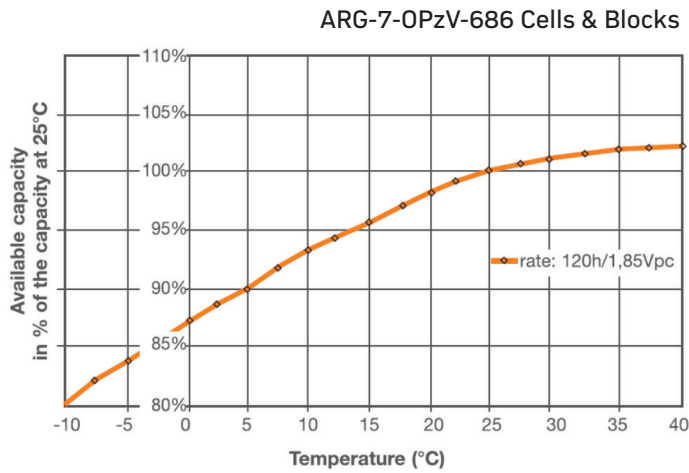
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	107,19	92,98	61,67	53,06	29,50	28,48	20,70	15,44	13,09	9,62	6,90
1,83 V	102,61	89,18	59,42	51,19	28,62	27,64	20,14	15,06	12,79	9,41	6,76
1,85 V	98,71	85,89	57,40	49,51	27,80	26,85	19,61	14,69	12,49	9,21	6,63
1,90 V	85,90	75,02	50,62	43,81	24,91	24,08	17,70	13,34	11,37	8,43	6,09
1,92 V	79,37	69,47	47,14	40,88	23,42	22,65	16,71	12,62	10,78	8,01	5,80
2,00 V	45,36	40,39	28,78	25,39	15,37	14,90	11,24	8,65	7,41	5,53	4,03



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



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

