

ARG-6-OPZV-840 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	968
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	690
Number of plates (+) per cell	6
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	207 (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)	4600
Internal resistance (mΩ)	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)	48,2
Type and number of poles	M10 / 2

CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

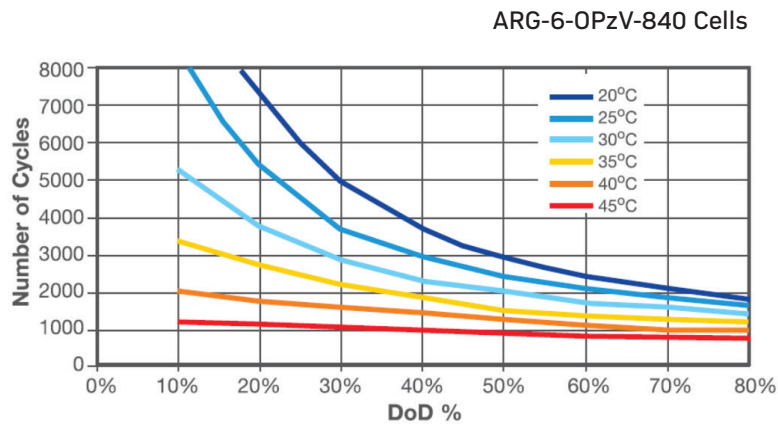
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	69,00	59,67	39,26	33,69	18,59	17,94	13,00	9,68	8,19	6,00	4,28
1,83 V	65,61	56,89	37,67	32,40	18,00	17,38	12,64	9,43	8,00	5,87	4,19
1,85 V	62,80	54,55	36,28	31,25	17,46	16,86	12,30	9,20	7,81	5,74	4,11
1,90 V	53,89	47,06	31,72	27,44	15,59	15,06	11,08	8,34	7,11	5,25	3,78
1,92 V	49,50	43,35	29,45	25,54	14,64	14,16	10,45	7,89	6,73	4,99	3,60
2,00 V	28,02	25,03	17,98	15,90	9,70	9,40	7,11	5,46	4,69	3,49	2,56

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

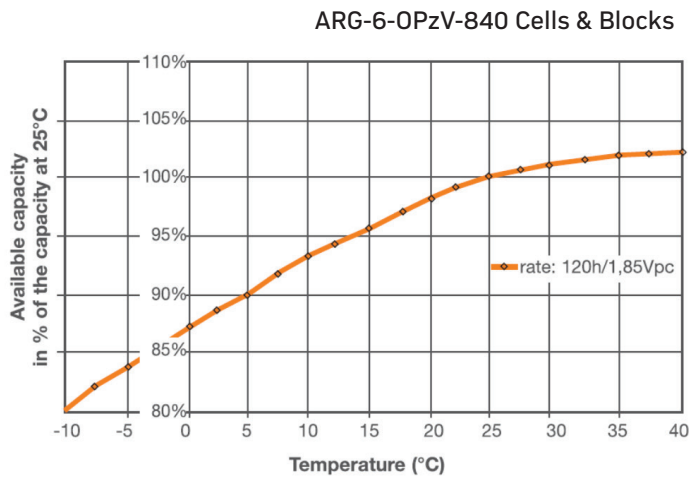
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	130,12	113,02	75,20	64,79	36,25	35,00	25,56	19,15	16,27	11,99	8,61
1,83 V	124,28	108,20	72,42	62,51	35,21	34,01	24,91	18,71	15,92	11,76	8,45
1,85 V	119,41	104,12	69,95	60,46	34,23	33,08	24,30	18,29	15,58	11,53	8,30
1,90 V	103,64	90,79	61,74	53,59	30,81	29,80	22,06	16,71	14,28	10,62	7,69
1,92 V	95,71	84,06	57,58	50,09	29,05	28,11	20,89	15,87	13,58	10,13	7,34
2,00 V	55,44	49,63	35,86	31,77	19,62	19,02	14,49	11,15	9,64	7,24	5,38



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



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

