

ARG-5-OPZV-350 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	376	
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	280	
Number of plates (+) per cell	5	
Floating voltage set point (V/cell)	2,25	
Maximum initial charge current (A)	84 (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)	3040	
Internal resistance (mΩ)	0,670	
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	124 x 206 x 354 / 382	
Weight (kg)	21,8	
Type and number of poles	M10 / 2	

CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

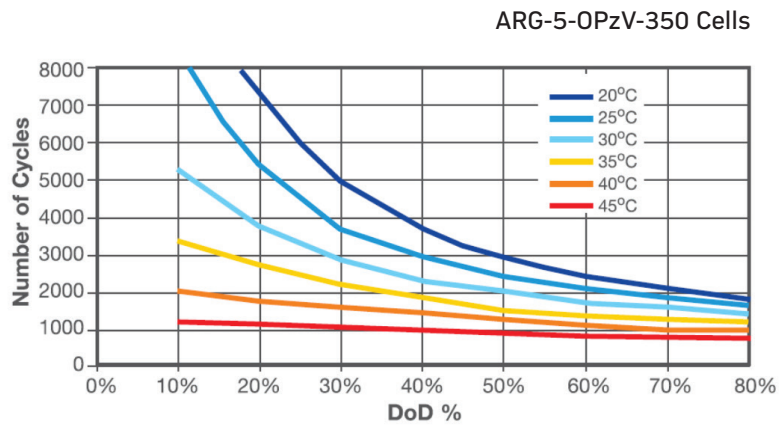
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	28,00	24,13	15,73	13,46	7,33	7,07	5,09	3,76	3,17	2,31	1,64
1,83 V	26,91	23,22	15,20	13,02	7,12	6,87	4,95	3,67	3,10	2,25	1,60
1,85 V	25,93	22,40	14,70	12,61	6,92	6,68	4,82	3,58	3,02	2,20	1,57
1,90 V	22,68	19,65	13,00	11,18	6,20	5,99	4,35	3,24	2,74	2,01	1,43
1,92 V	21,03	18,25	12,13	10,45	5,83	5,63	4,10	3,06	2,60	1,90	1,36
2,00 V	12,34	10,87	7,52	6,57	3,83	3,71	2,75	2,09	1,77	1,30	0,91

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

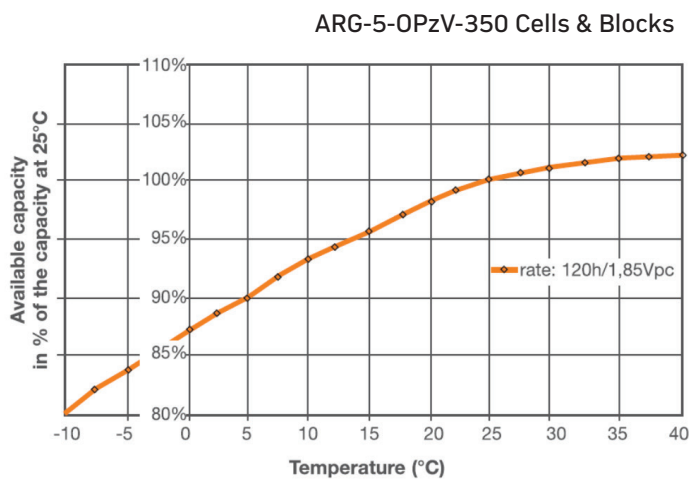
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	53,27	46,07	30,32	26,03	14,35	13,84	10,02	7,45	6,30	4,61	3,29
1,83 V	51,37	44,48	29,38	25,25	13,97	13,49	9,78	7,28	6,17	4,51	3,22
1,85 V	49,65	43,04	28,50	24,51	13,61	13,14	9,55	7,12	6,03	4,42	3,16
1,90 V	43,84	38,11	25,42	21,92	12,29	11,87	8,67	6,49	5,52	4,06	2,91
1,92 V	40,83	35,55	23,82	20,57	11,60	11,21	8,21	6,16	5,24	3,86	2,78
2,00 V	24,48	21,61	15,05	13,17	7,76	7,52	5,60	4,28	3,62	2,67	1,90



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



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

