

# ARG-6V-6-OPZV-360 DATA SHEET

TECHNICAL CHARACTERISTICS	
Capacity (Ah), C <sub>100</sub> (1,80 V/cell, 20°C)	398
Capacity (Ah), C <sub>10</sub> (1,80 V/cell, 20°C)	309
Number of plates (+) per cell	6
Floating voltage set point (V/cell)	2,25
Maximum initial charge current (A)	0,3 C <sub>10</sub>
Recommended Boost Charge Voltage (V/cell)	2,35
Recommended End of Discharge voltage for 120h rate (V/cell)	1,85
Short circuit current (A)	3240
Internal resistance (mΩ)	1,89
Number of cycles at 60% depth of discharge (20°C )	2000
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	380 x 205 x 332 / 372
Weight (kg)	69,0
Type and number of poles	M10 / 2

## CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

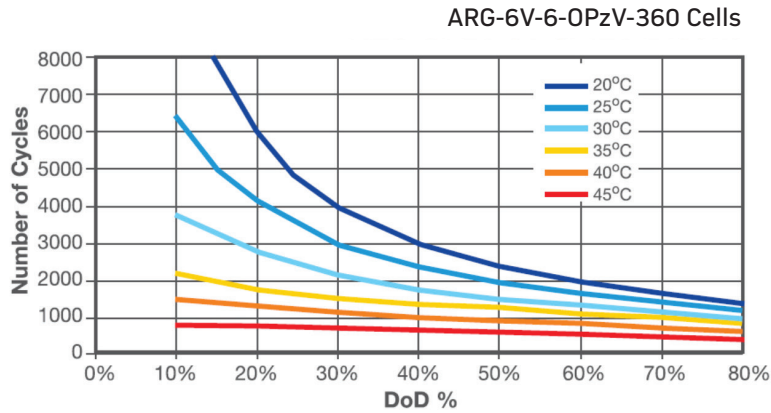
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	30,90	26,53	17,12	14,60	7,85	7,56	5,41	3,98	3,35	2,44	1,73
1,83 V	29,53	25,40	16,47	14,06	7,60	7,32	5,25	3,87	3,26	2,38	1,69
1,85 V	28,35	24,42	15,89	13,58	7,36	7,10	5,10	3,76	3,18	2,32	1,65
1,90 V	24,57	21,25	13,95	11,95	6,55	6,32	4,56	3,38	2,86	2,10	1,50
1,92 V	22,73	19,69	12,99	11,15	6,15	5,93	4,29	3,19	2,70	1,98	1,43
2,00 V	13,61	11,94	8,15	7,08	4,04	3,91	2,87	2,16	1,85	1,38	0,95

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

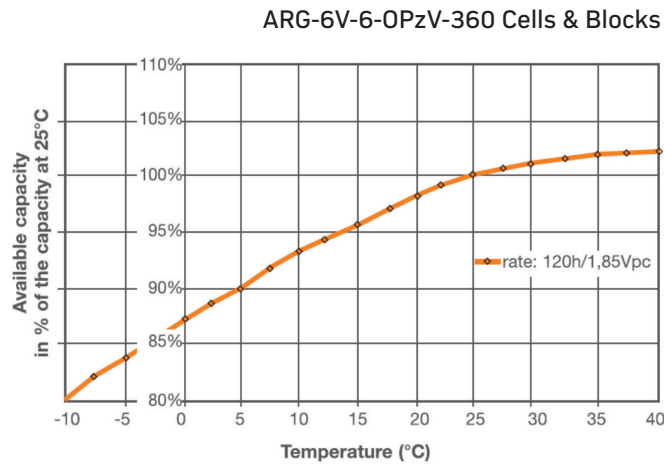
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	58,76	50,64	33,02	28,24	15,37	14,81	10,66	7,89	6,67	4,87	3,48
1,83 V	56,37	48,68	31,87	27,30	14,92	14,39	10,37	7,69	6,50	4,76	3,41
1,85 V	54,30	46,94	30,83	26,43	14,50	13,98	10,10	7,50	6,35	4,65	3,34
1,90 V	47,57	41,26	27,32	23,48	13,01	12,56	9,11	6,80	5,76	4,24	3,06
1,92 V	44,22	38,42	25,55	22,00	12,25	11,83	8,61	6,43	5,46	4,03	2,91
2,00 V	27,05	23,79	16,34	14,23	8,21	7,94	5,87	4,42	3,82	2,83	1,96



## EXPECTED NUMBER OF CYCLES VS. DoD



## CAPACITY VS. TEMPERATURE



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

