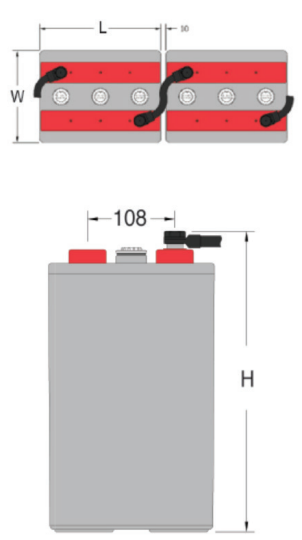


ARG-12V-1-OPZV-60 DATA SHEET

TECHNICAL CHARACTERISTICS		
Capacity (Ah), C ₁₀₀ (1,80 V/cell, 20°C)	65	
Capacity (Ah), C ₁₀ (1,80 V/cell, 20°C)	51	
Number of plates (+) per cell	1	
Floating voltage set point (V/cell)	2,25	
Maximum initial charge current (A)	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)	640	
Internal resistance (mΩ)	19,01	
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	272 x 205 x 332 / 372	
Pole Distance (mm)	43,8	
Weight (kg)	M10 / 2	
Type and number of poles	M10 / 4	

CONSTANT CURRENT DISCHARGE IN A (AT 20°C)

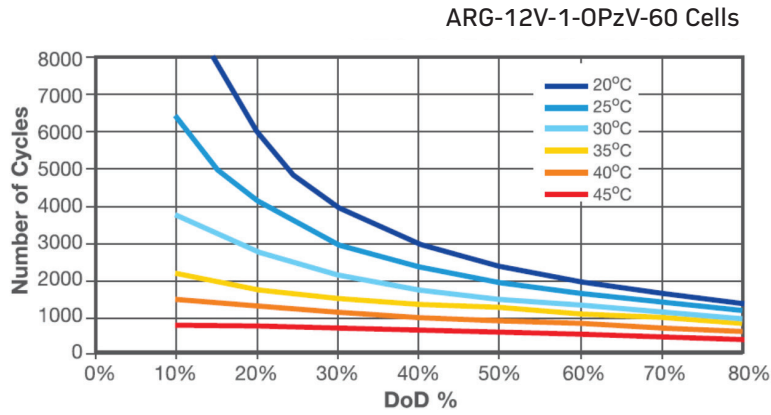
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	5,10	4,37	2,82	2,40	1,29	1,24	0,89	0,65	0,55	0,40	0,28
1,83 V	4,88	4,20	2,71	2,32	1,25	1,20	0,86	0,63	0,54	0,39	0,28
1,85 V	4,69	4,04	2,62	2,24	1,21	1,17	0,84	0,62	0,52	0,38	0,27
1,90 V	4,06	3,51	2,30	1,97	1,07	1,04	0,75	0,55	0,47	0,34	0,25
1,92 V	3,76	3,25	2,14	1,83	1,01	0,97	0,70	0,52	0,44	0,32	0,23
2,00 V	2,25	1,97	1,34	1,16	0,66	0,64	0,47	0,35	0,30	0,23	0,15

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

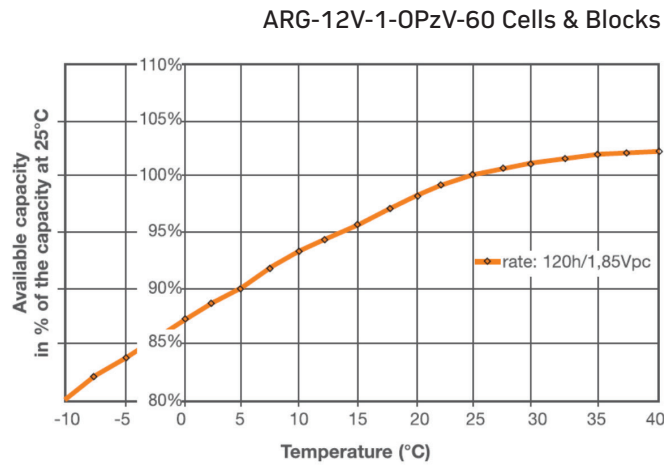
End Voltage	DISCHARGE TIME										
	10 h	12 h	20 h	24 h	48 h	50 h	72 h	100 h	120 h	168 h	240 h
1,80 V	9,71	8,36	5,44	4,65	2,52	2,43	1,75	1,29	1,09	0,80	0,57
1,83 V	9,34	8,05	5,25	4,50	2,45	2,36	1,70	1,26	1,07	0,78	0,56
1,85 V	9,00	7,77	5,08	4,35	2,38	2,30	1,66	1,23	1,04	0,76	0,55
1,90 V	7,88	6,82	4,50	3,86	2,13	2,06	1,49	1,11	0,94	0,69	0,50
1,92 V	7,32	6,35	4,20	3,61	2,01	1,94	1,41	1,05	0,89	0,66	0,48
2,00 V	4,48	3,93	2,68	2,33	1,34	1,30	0,95	0,72	0,62	0,46	0,32



EXPECTED NUMBER OF CYCLES VS. DoD



CAPACITY VS. TEMPERATURE



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

