

3 UOPzS 265



Specification

Nominal Voltage	2,0 V
Nominal Capacity (C ₁₀)	265 AH
Discharge current	C ₁₀ /10h = 26,5 A
Final discharge voltage/cell	1,80 V
Nominal S.G. of electrolyte	1,24 ± 0,01 kg/l at 20°C
Rated temperature	20°C
Capacity C ₁₀₀	345 Ah (at 25°C, U _f = 1,85V/cell)
Specified torque for poll screws	20 ± 1 Nm
Dimensions of the cell	Length 198 mm (7.80 inches)
	Width 83 mm (3.27 inches)
	Height 478 mm (18.82 inches)
Weight of the cell (± 5%)	With acid 18,4 kg
	Without acid 12,1 kg
Recommended dept of discharge	< 80% C ₁₀
deep discharges more than 80% DOD or discharges beyond final discharge voltages (dependend on discharge current) have to be avoided	
Charging	IU - characteristic I max without limitation
	Float charge U = 2,23 V/cell +-1%
	Boost charge U = 2,35 to 2,40 V/cell
	Temp.Correction factor - 0,004 V/Cell, °K
Gas (H ₂) emissions at 20°C	at 2,23 V 0,8 l/cell/day
	at 2,40 V 3,2 l/cell/day
Ventilation requirement	LA alloy; f1 = 0,5; EN 50272-2
Self-discharge	app. 3% per month at 20°C
Operational temperature Recommended	- 20°C to 55°C
	10°C to 30°C

Constant Current Discharge (Amperes) at 20°C (68°F)

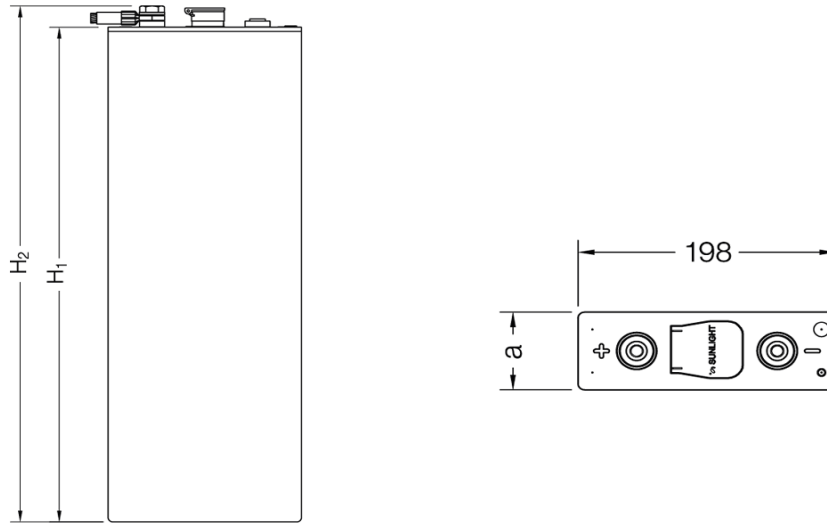
F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	100h
1.90V/cell	86	83	76	57	46	39	34	31	25	22	13	3.20
1.87V/cell	111	105	89	66	53	45	39	34	28	24	14	3.32
1.83V/cell	141	128	105	75	59	49	42	37	30	26	14	3.44
1.80V/cell	169	145	116	80	63	52	45	38	32	26	14	3.51
1.75V/cell	200	168	132	87	66	54	46	39	32	27	15	3.57
1.70V/cell	229	118	141	91	68	55	47	40	33	27	15	3.61

Constant Power Discharge (Watts) at 20°C (68°F)

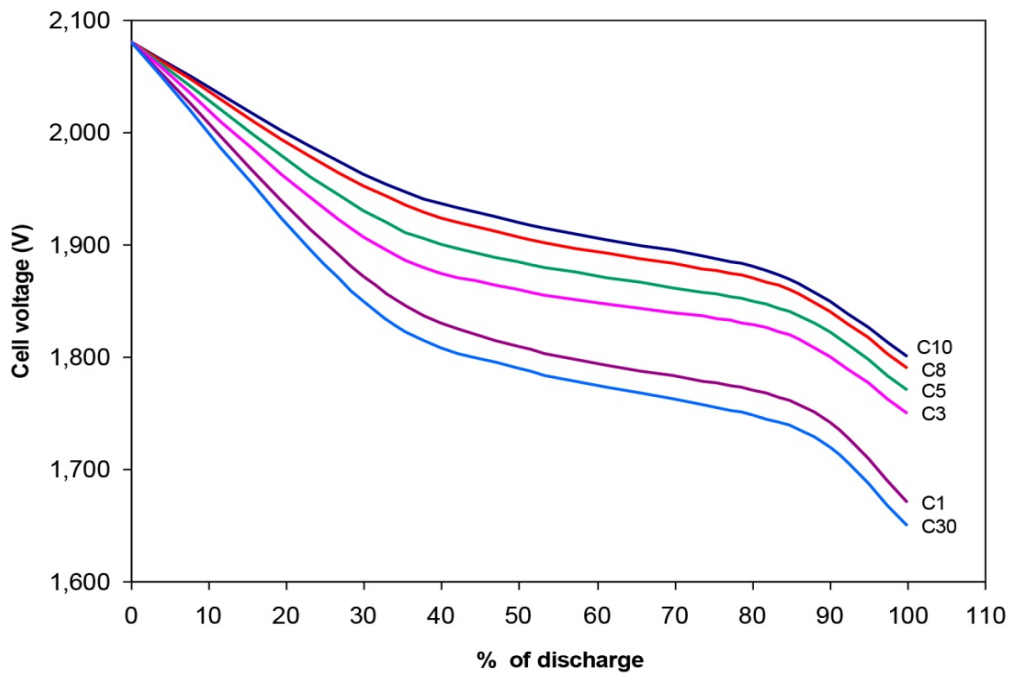
F.V/Time	15min	30min	1h	2h	3h	4h	5h	6h	8h	10h	20h	100h
1.90V/cell	163	158	146	111	90	77	66	60	49	44	26	6.37
1.87V/cell	210	198	168	126	102	87	76	65	55	47	27	6.51
1.83V/cell	260	238	193	141	112	94	81	70	59	50	28	6.74
1.80V/cell	307	265	214	149	118	98	85	73	61	51	28	6.88
1.75V/cell	357	302	240	161	123	101	86	73	61	51	29	6.95
1.70V/cell	399	335	254	167	126	103	89	75	63	52	28	6.86

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Dimension



Cell voltage of UOPzS cells during constant current discharge at different rates of discharge



ETL SEMKO

