

RID 4 OPzV 200

MAINTENANCE FREE



2V
224AH



ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2,27 V/C @ 20 °C
Capacity	224 Ah (10 h rate to 1.80 Vpc at 20 °C)
Internal resistance	0.95 mOhm (IEC 60 896-21/22)
Short circuit current	2200 A (IEC 60 896 -21/22)
Terminal	F M8

PHYSICAL CHARACTERISTICS

Terminal Torque	20 Nm
Temperature range	-40°C to 55°C
Dimensions (L x B/W x H)	105 x 208 x 399 mm
Temperature range	-40°C to 55°C
Weight	17.4 kg

DESIGN FEATURES

Design life at 20 °C	Very Long Life 20 years (80% remaining capacity from C10)
Storage	Long shelf life up to 2 years at 20 °C without recharge due to the very low self discharge rate
Container design	Available as standard or flame retardant version (UL 94-V0)
Cells	Cells in compliance with DIN 40 742
Standart	Designed in accordance with IEC 60896-21/-22
Manufactured	Manufactured in Germany in ISO 9001 certified production plants

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CONSTANT POWER DISCHARGE AT 20°C

Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	620	506	381	240	152	124	105	90.4	78.5	60.5	49.7	28.4
1.65	579	464	372	235	150	123	105	90.4	77.3	59.8	49.2	28.1
1.70	504	430	346	225	146	122	104	88.9	76.3	59.0	48.5	27.8
1.75	442	390	312	211	144	121	102	87.3	74.5	57.9	47.8	27.3
1.80	367	335	283	199	140	117	99.8	84.2	72.1	56.1	46.3	26.6
1.83	342	305	265	189	137	114	96.7	82.1	70.8	54.7	45.3	26.1
1.85	326	290	246	181	134	111	94.6	80.0	68.4	53.2	44.0	25.6
1.87	300	270	229	172	130	107	90.4	76.9	65.9	51.5	42.7	25.1
1.90	258	236	197	158	122	101	83.2	69.6	59.9	47.5	39.8	24.1

CONSTANT CURRENT DISCHARGE AT 20°C

Uf, Vpc	5 min	15 min	30 min	1 h	2 h	3 h	4 h	5 h	6 h	8 h	10 h	20 h
1.60	326	300	222	123	82.8	61.6	48.8	40.6	34.8	27.6	22.9	12.7
1.65	314	278	212	122	82.5	61.0	48.6	40.4	34.6	27.5	22.8	12.6
1.70	290	258	201	120	81.6	60.8	48.4	40.2	34.5	27.3	22.7	12.5
1.75	265	229	182	115	79.9	60.3	47.9	39.8	34.2	27.0	22.6	12.3
1.80	232	196	162	106	75.6	58.0	46.8	39.2	33.8	26.6	22.4	12.1
1.83	209	182	148	97.7	71.4	54.9	45.0	38.0	33.0	26.2	22.0	11.7
1.85	194	171	137	90.0	68.1	52.0	42.9	36.3	31.6	25.2	21.3	11.3
1.87	173	156	124	83.9	64.7	49.5	41.0	34.7	30.1	24.2	20.5	10.8
1.90	144	126	107	76.2	59.6	45.7	37.3	31.2	26.8	21.4	18.3	10.0