

## RID 16 OPzV 2000

MAINTENANCE FREE



2V  
2190 AH



### ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	2190 Ah (10h rate to 1.80Vpc at 20 °C)
Internal resistance	0.19 mOhm (IEC 60 896-21/22)
Short circuit current	10750 A (IEC 60 896 -21/22)
Terminal	3 x F M8

### PHYSICAL CHARACTERISTICS

Terminal Torque	20 Nm
Temperature range	-40°C to 55°C
Dimensions (L x B/W x H)	216 x 400 x 816 mm
Temperature range	-40°C to 55°C
Weight	149 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	3120	2733	2543	2005	1387	1141	961	819	695	539	447	259
1.65	2811	2629	2408	1915	1373	1137	951	812	689	535	443	258
1.70	2627	2481	2221	1801	1300	1112	943	800	681	529	436	255
1.75	2459	2224	1985	1684	1268	1088	919	776	663	514	427	252
1.80	2133	1961	1765	1541	1209	1024	867	728	628	493	411	249
1.83	1867	1717	1517	1376	1149	965	807	681	588	464	390	242
1.85	1653	1520	1403	1301	1101	916	757	639	558	441	372	235
1.87	1507	1423	1357	1251	1025	843	697	589	511	409	349	228
1.90	1399	1344	1287	1152	908	732	596	511	453	370	322	214

### 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	2059	1872	1664	1267	807	607	492	417	363	292	240	128
1.65	1760	1608	1476	1208	777	596	484	413	360	289	238	127
1.70	1557	1480	1365	1140	753	580	475	406	354	285	234	126
1.75	1356	1313	1237	1012	712	567	465	397	347	278	229	123
1.80	1279	1197	1076	863	657	531	440	378	331	266	219	119
1.83	1123	1077	944	733	589	497	415	358	314	254	210	115
1.85	1031	972	864	680	555	463	387	335	295	241	200	111
1.87	832	817	793	632	520	437	365	313	273	223	185	106
1.90	691	669	639	581	469	381	326	284	251	207	172	97.7