

RID 10 OPzV 1000

MAINTENANCE FREE



2V
1248 AH



ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	1248 Ah (10h rate to 1.80Vpc at 20 °C)
Internal resistance	0.33 mOhm (IEC 60 896-21/22)
Short circuit current	6250 A (IEC 60 896 -21/22)
Terminal	2 x F M8

PHYSICAL CHARACTERISTICS

Terminal Torque	20 Nm
Temperature range	-40°C to 55°C
Dimensions (L x B/W x H)	212 x 193 x 690 mm
Temperature range	-40°C to 55°C
Weight	80.0 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

RID 10 OPzV 1000

MAINTENANCE FREE



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	2403	2120	1747	1275	837	659	564	467	396	309	255	148
1.65	2188	1955	1705	1242	825	658	563	467	395	308	254	147
1.70	1955	1767	1600	1208	798	658	563	465	393	306	253	147
1.75	1747	1592	1467	1117	762	643	548	458	387	301	249	145
1.80	1539	1388	1303	995	732	620	523	438	375	291	242	143
1.83	1365	1247	1163	917	707	595	500	415	356	277	231	138
1.85	1264	1160	1072	872	683	572	480	400	342	266	222	133
1.87	1161	1080	987	825	658	547	460	382	327	255	213	129
1.90	1019	892	825	727	595	490	413	352	303	238	199	122

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	1310	1278	1053	715	433	330	270	228	198	156	129	69.4
1.65	1192	1160	972	685	425	328	268	227	198	155	128	69
1.70	1065	1025	878	647	420	325	267	226	197	155	127	68.3
1.75	935	890	772	590	400	317	263	225	196	154	127	67.7
1.80	797	763	647	523	380	303	256	218	190	151	125	66.8
1.83	702	673	608	483	360	292	245	208	181	144	117	64.5
1.85	648	613	560	448	337	275	233	199	173	137	113	62.5
1.87	567	545	508	413	317	257	220	188	163	130	108	61.1
1.90	450	430	405	357	278	230	197	171	149	120	101	57.9