

RID 12 OPzV 1200

MAINTENANCE FREE



2V
1497 AH



ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	1497 Ah (10h rate to 1.80Vpc at 20 °C)
Internal resistance	0.29 mOhm (IEC 60 896-21/22)
Short circuit current	7850 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 277 x 690 mm
Temperature range	-40°C to 55°C
Weight	95.0 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 12 OPzV 1200

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	2562	2262	2087	1530	1004	791	677	561	475	371	305	177
1.65	2368	2226	1991	1490	990	790	676	560	474	370	305	177
1.70	2094	2051	1844	1450	958	789	675	558	472	367	303	176
1.75	1817	1817	1736	1340	914	772	658	550	464	362	299	174
1.80	1540	1540	1441	1189	878	744	628	526	449	350	290	172
1.83	1375	1360	1316	1100	848	714	600	498	427	332	277	165
1.85	1265	1265	1238	1046	820	686	576	480	410	319	266	160
1.87	1162	1162	1162	990	790	656	552	458	392	306	256	154
1.90	1020	1020	990	872	714	588	496	422	363	285	239	146

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	1572	1534	1264	858	520	396	323	273	238	187	154	83.2
1.65	1430	1392	1166	822	510	394	321	272	237	186	154	82.8
1.70	1267	1230	1054	776	504	390	320	271	236	185	153	82.0
1.75	1048	1048	926	708	480	380	316	269	235	184	152	81.2
1.80	858	858	776	628	456	364	307	262	228	181	150	80.2
1.83	755	755	716	580	432	350	294	250	217	173	141	77.4
1.85	701	701	672	538	404	330	280	238	207	164	135	75.1
1.87	623	623	610	496	380	308	264	226	196	156	129	73.3
1.90	517	516	486	428	334	276	237	205	178	144	121	69.4