

RID 24 OPzV 3000

MAINTENANCE FREE



2V
3286 AH



ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	3286 Ah (10h rate to 1.80Vpc at 20 °C)
Internal resistance	0.1 mOhm (IEC 60 896-21/22)
Short circuit current	16100 A (IEC 60 896 -21/22)
Terminal	4 x F M8

PHYSICAL CHARACTERISTICS

Terminal Torque	20 Nm
Temperature range	-40°C to 55°C
Dimensions (L x B/W x H)	214 x 578 x 816 mm
Temperature range	-40°C to 55°C
Weight	238 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	4680	4100	3814	3008	2080	1712	1442	1228	1042	808	670	389
1.65	4216	3944	3612	2872	2060	1706	1426	1218	1034	802	665	387
1.70	3940	3722	3332	2702	1950	1668	1414	1200	1022	793	655	383
1.75	3688	3336	2978	2526	1902	1632	1378	1164	994	771	640	378
1.80	3200	2942	2648	2312	1814	1536	1300	1092	942	739	617	374
1.83	2800	2576	2276	2064	1724	1448	1210	1022	882	696	585	363
1.85	2480	2280	2104	1952	1652	1374	1136	958	837	662	558	352
1.87	2260	2134	2036	1876	1538	1264	1046	884	766	614	523	342
1.90	2098	2016	1930	1728	1362	1098	894	766	679	555	483	321

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	3088	2808	2496	1900	1210	910	738	626	545	438	360	192
1.65	2640	2412	2214	1812	1166	894	726	619	539	433	356	190
1.70	2336	2220	2048	1710	1130	870	713	608	530	427	351	189
1.75	2034	1970	1856	1518	1068	850	697	596	520	418	344	185
1.80	1918	1796	1614	1294	986	796	660	567	496	399	329	179
1.83	1684	1616	1416	1100	884	746	622	537	471	381	314	173
1.85	1546	1458	1296	1020	832	694	580	503	442	362	299	167
1.87	1248	1226	1190	948	780	656	548	469	410	334	277	159
1.90	1036	1004	958	872	704	572	489	427	376	310	259	147