

RID 6 OPzV 600

MAINTENANCE FREE



2V
748 AH



ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	748 Ah (10 h rate to 1.80 Vpc at 20 °C)
Internal resistance	0.47 mOhm (IEC 60 896-21/22)
Short circuit current	4300 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)	147 x 208 x 690 mm
Temperature range	-40°C to 55°C
Weight	49.0 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

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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	1442	1272	1048	765	502	395	338	280	237	185	153	88.6
1.65	1313	1173	1023	745	495	395	338	280	237	185	152	88.4
1.70	1173	1060	960	725	479	395	338	279	236	184	152	87.9
1.75	1048	955	880	670	457	386	329	275	232	181	150	87.2
1.80	939	833	782	597	439	372	314	263	225	175	145	86.0
1.83	819	748	698	550	424	357	300	249	213	166	138	82.5
1.85	772	696	643	523	410	343	288	240	205	160	133	79.8
1.87	757	648	592	495	395	328	276	229	196	153	128	77.1
1.90	683	535	495	436	357	294	248	211	182	143	119	73.0

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	786	767	632	429	260	198	162	137	119	93.6	77.2	41.6
1.65	715	696	583	411	255	197	161	136	119	93.2	76.8	41.4
1.70	639	615	527	388	252	195	160	136	118	92.7	76.4	41.0
1.75	561	534	463	354	240	190	158	135	117	92.2	75.9	40.6
1.80	478	458	388	314	228	182	153	131	114	90.5	74.8	40.1
1.83	421	404	365	290	216	175	147	125	109	86.3	70.4	38.7
1.85	389	368	336	269	202	165	140	119	104	82.1	67.6	37.5
1.87	340	327	305	248	190	154	132	113	98.0	78.0	64.5	36.6
1.90	270	258	243	214	167	138	118	102	89.2	71.9	60.3	34.7