

## RID 5 OPzV 350

MAINTENANCE FREE



2V  
416 AH



### ELECTRICAL SPECIFICATIONS

Nominal voltage	2 V
Float charge	2.27 V/C @ 20 °C
Capacity	416 Ah (10 h rate to 1.80 Vpc at 20 °C)
Internal resistance	0.62 mOhm (IEC 60 896-21/22)
Short circuit current	3300 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)	126 x 208 x 515 mm
Temperature range	-40°C to 55°C
Weight	30.0 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	967	790	624	436	277	210	173	144	123	96.8	80.9	49.0
1.65	915	748	598	430	276	210	173	143	123	96.4	80.6	48.8
1.70	811	696	573	421	275	209	173	143	122	96.0	80.3	48.6
1.75	743	624	526	398	265	206	171	143	122	95.5	79.9	48.4
1.80	669	572	480	368	252	201	166	140	119	93.5	78.4	47.6
1.83	603	520	431	341	242	196	159	134	115	90.8	76.4	46.5
1.85	569	489	401	323	234	188	153	128	110	87.9	73.9	45.6
1.87	509	445	375	302	223	180	146	121	105	83.4	70.6	44.5
1.90	473	410	343	273	205	158	130	111	97.1	79.6	67.4	43.2

### 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	500	478	382	238	146	113	95.3	80.2	68.9	53.2	43.8	25.1
1.65	488	458	354	230	144	112	94.1	79.3	68.2	52.8	43.4	24.9
1.70	468	425	334	220	142	111	93.0	78.2	67.2	52.4	43.0	24.7
1.75	423	389	300	215	139	109	91.3	76.6	65.9	51.8	42.6	24.4
1.80	397	364	280	201	135	107	88.6	75.1	64.7	50.8	41.6	23.8
1.83	350	337	265	187	130	104	86.0	72.9	63.2	49.8	40.9	23.4
1.85	332	308	249	176	124	101	84.1	71.3	61.8	49.1	40.4	23.0
1.87	308	284	223	163	119	96.6	81.4	69.4	60.2	47.8	39.6	22.3
1.90	244	231	187	143	112	90.0	76.7	65.3	56.7	44.8	36.7	20.7