

Absolyte GP / 90G09 loose cell

INDUSTRIAL BATTERIES / NETWORK POWER

Part Number: M01090P09

APPLICATIONS



SPECIFICATIONS



20 years design life @ 25°C



Nominal capacity: 104 to 4.800 Ah to 1.75 VPC at 8-hour rate @ 25°C



Single cell in 2V available

Available as horizontal stack assembly, relay rack modules and single cell module
Available as standard or flame retardant version (UL 94-V0)



Positive plate – Patented lead calcium tin silver alloy

Negative plate – Lead calcium grid alloy

High-Compression Absorbent Glass Mat (AGM) technology



Valve regulated lead-acid batteries



1200 cycles to 80% depth of discharge at 25°C



Maintenance free (no topping up)

Very low gassing due to internal gas recombination

RECYCLE WITH EXIDE.



Exide Technologies takes pride in its commitment to a better environment. An integrated approach to manufacturing, distributing and recycling of lead-acid batteries has been developed to ensure a safe and responsible life cycle for all of its products.



For more information please
[contact your local dealer](#)

TECHNICAL CHARACTERISTICS AND DATA

Nominal voltage	2 V
Float charge	2,25 V/C @ 25 °C
Capacity	CP 10min 1,6V/C 25°C 858W/Bloc CC 10h 2V/C 20°C 344Ah
Short circuit current	2594 A (IEC60896-21/22)
Internal resistance	0,77 mΩ (IEC60896-21/22)

Dimensions (l x b/w x h)	90,4 x 159,5 x 544,5 mm
Weight	23,12 kg
Origin	Fort Smith, United States of America

CONSTANT POWER DISCHARGE

W @ 25 °C	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m	25m	30m	45m	1h	90m
1,750 V/C	768	747	730	712	695	680	665	651	638	626	614	603	592	581	571	562	519	483	400	341	264
1,710 V/C	851	820	799	778	760	741	723	708	692	678	663	650	637	625	613	602	552	510	417	353	269
1,670 V/C	895	874	852	831	812	791	772	754	738	722	706	691	677	662	649	636	579	532	429	359	271
1,650 V/C	922	899	878	856	835	814	794	776	758	740	724	707	692	677	664	650	591	542	435	364	273
1,630 V/C	941	920	896	875	854	833	812	793	775	756	738	722	705	690	676	662	599	548	439	366	274
1,600 V/C	971	948	924	902	880	858	836	815	795	775	756	740	722	706	691	675	610	556	443	368	275

CONSTANT CURRENT DISCHARGE

A @ 25 °C	1m	15m	30m	1h	2h	3h	4h	5h	6h	7h	8h	10h	12h	16h	20h	24h	36h	48h	72h	100h	120h
1,940 V/C				121	84	65	55	46	41	38	34	29	25	20	16	14	9,7	7,5	5,3	3,9	3,4
1,920 V/C				132	91	71	59	50	44	40	36	31	27	21	17	14	10	8	5,6	4,1	3,5
1,900 V/C				140	98	75	62	53	46	42	38	32	28	22	18	15	10	8,3	5,8	4,3	3,7
1,880 V/C				153	102	79	64	55	48	44	40	33	29	22	18	16	11	8,7	6	4,5	3,8
1,860 V/C				164	107	82	68	58	50	45	41	35	30	23	19	16	11	8,9	6,2	4,6	3,9
1,840 V/C				172	112	84	68	58	51	46	41	35	30	23	19	16	11	9,1	6,3	4,6	3,9
1,830 V/C				175	113	86	70	59	52	46	41	35	30	23	19	16	11	9,1	6,3	4,7	3,9
1,810 V/C	372	298	250	184	116	87	71	60	53	47	42	36	31	24	19	16	11	9,2	6,4	4,7	4
1,800 V/C	383	307	256	189	118	88	71	61	53	47	43	36	31	24	19	17	12	9,3	6,4	4,7	4
1,780 V/C	421	326	267	193	121	90	72	62	54	48	43	36	31	24	20	17	12	9,3	6,5	4,8	4
1,750 V/C	460	353	285	201	124	92	74	63	54	48	43	36	31	24	20	17	12	9,4	6,5	4,8	4