



STORM COPPER COMPONENTS

Aluminum Bus Bar Ampacity Table



**Aluminum Bus Bar Amperes for 6101-T61 Alloy
57% IACS Conductivity Chart Below**

Bar Sizes (Inches)	1 Bar		2 Bars		3 Bars		4 Bars	
	DC	60 hZ AC	DC	60 hZ AC	DC	60 hZ AC	DC	60 hZ AC
1/4 x 1	308	308	607	601	605	887	1203	1168
1/4 x 1 1/2	430	429	833	817	1235	1194	1637	1561
1/4 x 2	549	545	1051	1021	1552	1480	2053	1915
1/4 x 3	780	768	1472	1410	2162	2000	2851	2530
1/4 x 4	1005	980	1878	1760	2749	2462	3619	3081
1/4 x 5	1225	1184	2275	2092	3321	2905	4365	3625
1/4 x 6	1443	1381	2665	2413	3881	3338	5095	4146
1/4 x 7	1870	1760	3427	3034	4974	4183	6517	5152
3/8 x 2	691	678	1340	1278	1989	1831	2638	2332
3/8 x 3	974	941	1857	1709	2739	2384	3620	2946
3/8 x 4	1249	1191	2356	2099	3460	2893	4563	3574
3/8 x 5	1519	1429	2842	2483	4162	3387	5479	4178
3/8 x 6	1785	1657	3320	2847	4848	3857	6375	4765
3/8 x 8	2308	2098	4253	3569	6188	4774	8119	5875
3/8 x 10	3822	2534	5165	4289	7493	5632	9817	6941
1/2 x 3	1145	1074	2205	1991	3265	2742	4324	3297
1/2 x 4	1462	1369	2782	2416	4100	3264	5417	3940
1/2 x 5	1774	1634	3345	2828	4912	3778	6477	4580
1/2 x 6	2081	1892	3897	3230	5706	4284	7514	5210
1/2 x 8	2685	2393	4975	4014	7255	5276	9531	6246
1/2 x 10	3278	2880	6209	4779	8763	6256	1149	7579

1. Ratings based on 30°C rise over 40°C ambient in still but confined air ($e=0.35$), corresponding to usual indoor temperature. Vertical bar ampacity based on work by industry sources.
2. Space between bars is assumed equal bar

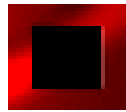
thickness.

3. For ac phase spacing's less than 18 inches an allowance for proximity effect must be made.
4. Ratings are based on horizontal mounting, in air with no attachments. For DC ratings of other alloys, multiply by: For 6101-T61, 0.982, for 60 Hz use of this multiplier is conservative.

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Contact:

Sheila Amburn Stone
240 Industrial Drive
Decatur, TN 37322
1-800-394-4804
423-334-3389 Fax
busbar@stormcopper.com