



# Hangzhou Easy Electric Wire and Cable Co.,LTD

Add: Room 305, Building 2, No. 380 Fengxin Road, Hangzhou, China

[www.eescable.com](http://www.eescable.com)

## TEST REPORT

<b>Products</b>	AAAC Butte		<b>Size</b>	312.8MCM	
<b>Standard</b>	ASTM B 399	<b>Invoice No.</b>	20230707001	<b>Date</b>	2023/07/7
<b>NO.</b>	<b>Item</b>	<b>Standards and Requirements</b>		<b>Test Results</b>	<b>Evaluation</b>
<b>1</b>	<b>Conductor</b>				
1-1	Diameter of conductor	16.3mm ± 0.17		16.3	Qualified
1-2	Number of Aluminum Alloy wire	19		19	Qualified
1-3	Outer Stranding direction	Rightward		Rightward	Qualified
1-4	Min. breaking load	46.45KN		53.405KN	Qualified
1-5	20°C Max D.C Resistance	≤ 0.2113 Ω /km		0.2086	Qualified
1-6	Grease	IEC Case 3		IEC Case 3	Qualified
1-7	Finished weight	435kg ± 8.7		441	Qualified
1-8	Surface quality of stranded wire	the surface shall be smooth, stranded compactly, no missing, broken, jumping or losing strands.		Smooth, compact	Qualified
<b>2</b>	<b>Performance of alloy wire</b>				
2-1	Diameter of Aluminum Alloy wire	3.26mm ± 0.033		3.26	Qualified
2-2	Min. Tensile Strength	≥ 315MPa		330MPa	Qualified
2-3	Elongation(250mm)	≥ 3.0%		7%	Qualified
2-4	20°C Max D.C Resistivity	≤ 0.032841		0.03157	Qualified
2-5	Wrapping test	Eight turns shall be wrapped round a mandrel of diameter equal to the wire diameter, the wire shall not break		No break	Qualified

Tested by: Shaoqiong He

Checked by: Guohui Xu

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