

## SOLID ALUMINIUM BARS

### BAP

BAP2005  
BAP 30x10x2000

- Thickness 10 mm.
- Length 2000 and 4000 mm
- Significant cost saving
- Weight saving up to 70%



### PRODUCT DESCRIPTION

Teknomega have created a free to download software for calculating and selecting the most suitable busbar for your application. [Find out more here.](#)

Solid aluminium bars use Aluminium type EN-AW 1350 A and have the following technical properties; a tensile strength of 250N/mm<sup>2</sup>, a resistivity of 0.0172Ωmm<sup>2</sup>/m, and a density of 8.9kg/dm<sup>3</sup>.

Aluminium busbar for power distribution gives an economic advantage compared to copper bars due to the lower cost of aluminium and to a significant difference in the weight / volume.

Aluminium bars weigh up to 70% less than copper bars, compared with a reduction in electrical capacity of only about 30%.

The use of aluminium bars for carrying electrical current is therefore recommended in switchboards, distribution equipment and systems where there are no space problems, or where weight reduction is critical.

## TECHNICAL DATA

### GENERAL DATA

Cross section	300 mm <sup>2</sup>
Current at ΔT 50°C	583 A

### DIMENSIONS

Length	2000 mm
Thickness	10 mm
Width	30 mm

### AMPACITY

Current at ΔT 30°C	445 A
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### ADDITIONAL DATA

Pack size	2
Weight	0.81 kg

