

Sunwire® CALCULATOR

Introducing the Sunwire ribbon calculator

While it is often difficult to predict some things about the solar industry, you can now rely on the Sunwire ribbon calculator to calculate your solar ribbon needs.

Knowing your solar ribbon is critically important to solar module efficiency and life cycle. Solar ribbon width and thickness have to be carefully adapted to accommodate the limitations of module materials. In addition, the yield strength, thickness and width of solar ribbon can directly influence production yields and decrease cell to module (CTM) losses by 20-30%.

But what if you could go one step further?

What if you could optimise the amount of Sunwire ribbon per spool to accommodate the speed of your tabbing machine or shift changes? What if you could optimise the module materials and Sunwire ribbon for improved module efficiency and reduce overall material costs?

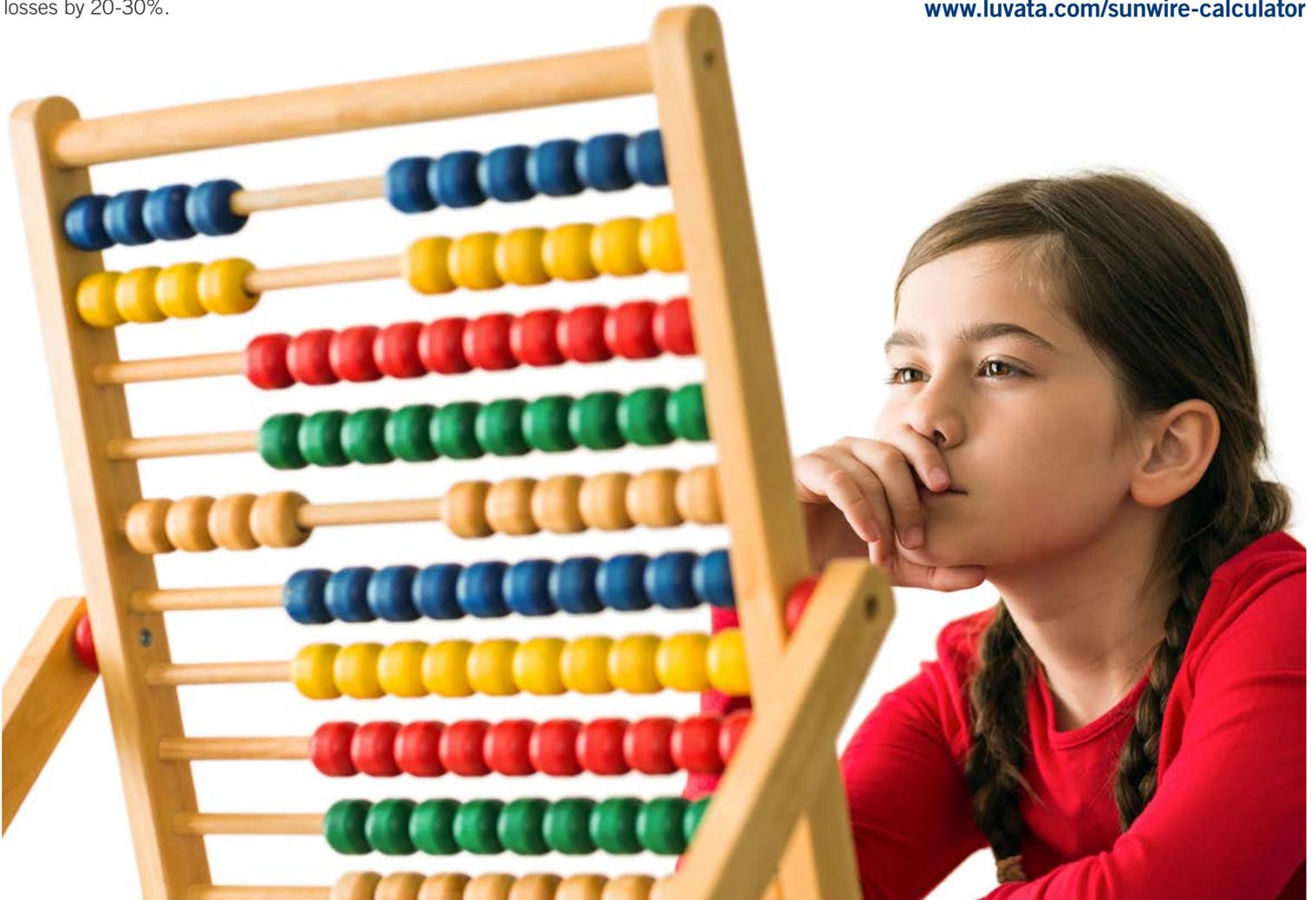
Now you can.

Calculate with Sunwire Calculator:

- ribbon weight
- ribbon length per spool
- ribbon length per solar panel



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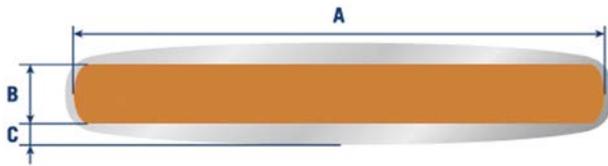
Using the Sunwire Calculator

By inputting a few simple details, the Sunwire calculator helps you determine the ribbon weight, the ribbon length per spool and even the ribbon weight per solar panel.

The results are available immediately or emailed directly to your email address.

Yes – it's really that easy.

Calculate Sunwire ribbon weight



Copper width (A) mm
 Copper thickness (B) mm
 Coating thickness (C) μm

→

Calculate Sunwire ribbon length per spool



Copper width (A) mm
 Copper thickness (B) mm
 Coating thickness (C) μm

Tin alloy

SnPbAg 62/36/2 SnPb 60/40
 SnAgCu 96.5/3/0.5 Sn100

Spool weight



→

Calculate Sunwire ribbon length per solar panel



Number of cells (A)
 Number of busbars per cells (B)

→



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