

# Reduced steel usage in photovoltaic brackets



## Overview

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Replacing traditional Q355 steel with Q460 high-strength steel can reduce the thickness of support beams from 4mm to 3mm, while maintaining a 30% increase in tensile strength.

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### REDUCED Definition & Meaning , Dictionary

REDUCED definition: made smaller, lower, or less; diminished. See examples of reduced used in a sentence.

### REDUCE Definition & Meaning

The meaning of REDUCE is to draw together or cause to converge : consolidate. How to use reduce in a sentence. Synonym Discussion of Reduce.



### Choosing the Right Solar Photovoltaic System Bracket Material: A

Summary: Selecting the best bracket material for solar photovoltaic systems impacts durability, cost, and energy efficiency. This guide explores aluminum, steel, and composite options, backed by industry

### Reduced

To reduce something is to make it smaller or lessen it in some way. Therefore, anything reduced is smaller than it was before. If you're pedaling your way through Italy and hit a giant hill, you'll probably



**reduced**



Adjective reduced (comparative more reduced, superlative most reduced) Made smaller or less; having undergone reduction.

## REDUCED Synonyms & Antonyms

Find 85 different ways to say REDUCED, along with antonyms, related words, and example sentences at Thesaurus .



## Experimental study and bearing capacity on the photovoltaic support

To investigate the mechanical performance and failure characteristics of photovoltaic support bracket and connections with the cold-formed thin-walled high strength steel, 55 specimens

## reduce verb

Definition of reduce verb in Oxford Advanced Learner's Dictionary. Meaning, pronunciation, picture, example sentences, grammar, usage notes, synonyms and more.

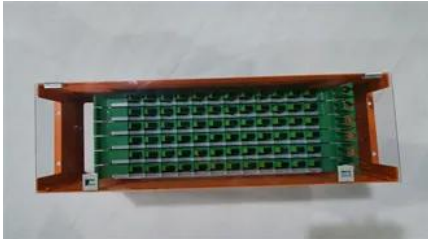


## [REDUCE definition and meaning . Collins English Dictionary](#)

If you say that someone is reduced to doing something, you mean that they have to do it, although it is unpleasant or embarrassing.

## REDUCED , English meaning

REDUCED definition: less than before or less than usual: . Learn more.



### [Reduced Definition & Meaning , YourDictionary](#)

Reduced, lowered in price; on sale, at discount price. Real bargains: these precious books are reduced at half price!

## Reduced

To bring to a specified undesirable state, as of weakness or helplessness: disease that reduced the patient to emaciation; teasing that reduced the child to tears.



### [2025 Solar Mounting Brackets Guide: Al vs Galvanized](#)

This solar mounting brackets selection guide will help you avoid common pitfalls and select cost-effective solar mounting brackets from three core dimensions:



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