

Article Overview

Factory prices for photovoltaic combiner boxes typically range from \$30 to \$200 per unit, depending on specifications, IP rating, and customization options.

Price Range and Factors

The cost of a PV combiner box varies based on several factors:

- o Number of strings: Common configurations include 4, 8, 12, 16, or 24 strings. More strings generally increase the price .
- o Voltage and current rating: Boxes rated for 1000V to 1500V DC or higher may cost more .
- o IP rating and waterproofing: IP65 or higher enclosures are standard for outdoor installations, affecting price .
- o Certifications: CE, IEC, or UL certifications can increase cost but ensure safety and compliance .
- o Customization: OEM branding, busbar modifications, cable entry options, and monitoring features can raise the unit price . Typical factory prices for standard PV combiner boxes start around \$30-\$50 per unit for basic models and can reach \$150-\$200 per unit for high-end, multi-string, IP65-rated, or fully customized boxes . Bulk orders often reduce per-unit costs.

Supplier Options

- o Alibaba and Made-in-China: Offer a wide range of PV combiner boxes with factory-direct pricing, including IP65 waterproof and 1500V-rated models .
- o Shangming: A Chinese manufacturer with multiple production lines, providing fast delivery, standard models, and custom solutions .
- o Dehler: Offers factory prices with customization options, including circuit breakers, fuses, surge protection, and monitoring capabilities .

Additional Considerations

- o System size: Larger PV plants may require multiple combiner boxes, so total cost scales with project size .
- o Maintenance and monitoring: Some boxes include temperature sensors, open/short circuit detection, and remote monitoring, which can justify higher prices .
- o Market trends: Smart monitoring and modular designs are increasingly standard, influencing pricing and long-term ROI . For accurate pricing, it is recommended to contact manufacturers directly with your technical specifications, number of strings, voltage requirements, and desired features to obtain a custom factory quote .



Photovoltaic combiner box factory price

Q: PV combiner box brand list for solar EPC projects? A: Top brands suitable for EPC projects include China-based

Find reliable PV solar combiner box prices for efficient solar systems. Shop our durable, waterproof, and affordable combiner boxes

For a standard sized combiner box body, if made with 304 stainless steel, the material

Find Solar Combiner Box manufacturers, suppliers, dealers & latest prices from top companies in India. Buy from a

Discover ETEK Solar complete range of PV Combiner Boxes for solar installations. From 600V residential to 1500V utility-scale

Understanding photovoltaic combiner box pricing involves more than comparing sticker prices. By evaluating technical requirements,

Cost-effective solar pv combiner box for sale online, with 4/6/8/10 pv array input numbers,

If you have more than two solar panels, chances are you need a combiner box. It's the central hub that takes multiple PV source

Wondering how much a photovoltaic combiner box costs for solar projects? This guide breaks down pricing structures, material

Looking for reliable photovoltaic combiner box manufacturers? This guide reveals the industry's top 10 suppliers while analyzing

PV AC combiner boxes - high quality, optimized, robust and efficient For solar installations in the PV

Explore Ran Solar's high-quality PV Array Combiner Boxes designed for DC 500V, 800V, and 1000V solar applications. Our factory

Reliable miniature circuit breakers range in price from 2.75-11 USD, and a combiner box

We have two production bases in Yueqing. Our main products include high and low voltage switchgear, prefabricated substations,

RAND PV UL-Listed 1741 Solar Combiner Boxes redefine the standard of solar technology by offering customized, innovative, and



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Discover how combiner boxes improve safety and performance. This guide explains components, selection, and

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