

PIENAAR ENERGY (PTY) LTD

Photovoltaic aluminum cold plate



Overview

Crafted for optimal heat dissipation, this component ensures superior cooling efficiency. Elevate your photovoltaic solutions with our precision-engineered cold plate, offering reliability and performance in demanding applications. Heat transfer is critical to the performance of our products; 40% improvements become game-changers. New, hotter chips demand a new, higher performance thermal. Cold plates are specialized heat exchangers designed to transfer heat away from critical components, maintaining optimal operating temperatures. ThermAvant Technologies' cold plates improve heat transfer while maintaining structural. Pricing (USD) Filter the results in the table by unit price based on your quantity. A tariff of 44 % may be applied if shipping to the United States.

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Types of Cold Plates Used In The New Energy Sector

Explore the main types of cold plates used in the new energy sector. Learn design methods, applications, and selection tips for optimal cooling.

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Cold Plates -- ThermAvant Technologies

Microchannel PFL cold plates are typically made in aluminum 6061. They incorporate a high density internal channel pattern, designed for the thermal management of high flux heat inputs.



[Get Price](#)



Aluminum Cold Plates , McMaster-Carr

Choose from our selection of aluminum cold plates, including cold plates, heat sinks, and more. Same and Next Day Delivery.

[Get Price](#)

Aluminum Liquid Cold Plates,

Liquid Cooling & Heat Pipes

Mouser offers inventory, pricing, & datasheets for Aluminum Liquid Cold Plates, Liquid Cooling & Heat Pipes.

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Aluminum Cold Plates

UPT combines photo etching and diffusion bonding technology to manufacture cold plates. This combination offers superior heat dissipation and design flexibility compared with other methods.

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Cold Plates, Q ATS

The DIY Cold Plate family has the same thermal performance as the Standard Cold Plate family except that holes may be drilled in them to create a mounting pattern to match the specific connection points ...

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IP65/IP55 OUTDOOR CABINET

OUTDOOR MODULE CABINET

OUTDOOR ENERGY STORAGE CABINET

19 INCH

Liquid Cold Plates , Custom Machined & Bonded Cold Plates

Maximize your cooling efficiency with our



custom Liquid Cold Plates. Engineered for performance, they're ideal for any application requiring effective thermal management.

[Get Price](#)

Friction Stir Welding: Liquid Photovoltaic Aluminum Cold Plate

Experience cutting-edge thermal management with our friction stir-welded liquid photovoltaic aluminum cold plate. Crafted for optimal heat dissipation, this component ensures superior cooling efficiency.

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<https://www.pienaarshof.co.za>

