

Ink Painting Modules

The Ink Wash Painting Modules cater to architects' pursuit of diverse artistic expression. Drawing on ASP's proprietary core technology and sophisticated manufacturing processes, we successfully integrate the artistic essence of traditional Chinese ink wash painting into the product. Uniquely suited for PV facades, railings, and other applications, they demonstrate distinctive advantages through their exceptional aesthetic appeal.



Different markets have varying certification requirements—please consult your Grun solar sales representative for details. For special installation conditions, contact Grun solar's technical support team in advance.

Features

Chinese Ink Painting Aesthetics In Design

Infused with the aesthetic of traditional Chinese ink wash painting, these panels feature customizable ink-wash motifs—such as distant mountains and mist—along with varying shades of ink. The color is uniform and free of blotches, and the light transmittance is adjustable. They serve as a direct replacement for curtain walls, windows, and decorative panels, making them a perfect fit for BIPV applications in high-end Chinese-style architecture and cultural venues.

Integrated Installation Adapter

It integrates seamlessly with component-based and unitized curtain wall systems, eliminating the need for additional photovoltaic mounting brackets and thereby saving time and costs; it is suitable for exterior facades and interior translucent decorations in landmark buildings, cultural venues, and high-end office towers.

Highly Customizable + Construction-grade Structure

Customizable in size, shape, pattern, light transmittance, and laminated structure (hollow/laminated); made from tempered glass substrates, fire-resistant and waterproof, suitable for direct use in curtain walls, skylights, and partitions; low breakage rate, ideal for large-scale installations.

Excellent Power Generation Performance

Building on the core advantages of cadmium telluride thin-film technology—low temperature coefficient (approximately $-0.21\%/^{\circ}\text{C}$, far superior to crystalline silicon), resulting in minimal power degradation during high summer temperatures; excellent low-light response, enabling efficient power generation at dawn, dusk, and on cloudy days; a long-strip cell design that minimizes hot-spot effects and enhances safety; and no significant light-induced degradation—it comes with a 25-year power output warranty (typically 80% of initial output).

Green Manufacturing And Certification

The core manufacturing processes have been localized, and the products have obtained certifications such as Golden Sun, TUV, and UL, as well as a green building materials rating. Combining power generation with architectural decoration, they realize the concept of “building materials as power-generating elements.”

