

RFUSION

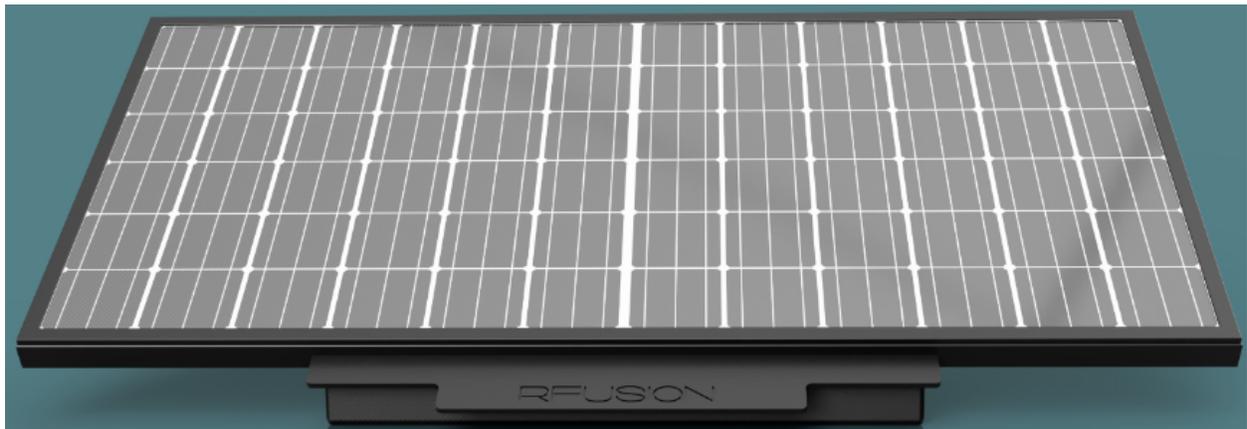
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www.rfusion.co.uk

Rfusion 350W Ground Station

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Product Overview



Rfusion is one of the world's first integrators to use non-glass, UL certified crystalline PV modules. The module's multi-layered structure provides excellent resistance to harsh environmental conditions and the fluoropolymer front sheet protects the module from all chemicals. IP67, UL1703 certified, IEC61215 Resistance tested.



Size mm 2028 xx1162 x 653 Weight 30kg with no batteries Fully enclosed area for up to 4 large leisure type batteries and solar charge controller. Can be bolted down Range of different output voltages and power outputs.

Multi-Functional Design The 350W Ground Station is designed to fit countless applications. The patented design is ideal for flat ground applications. The panel is designed to generate power in the most extreme environments where other power sources would not survive.

Impact Resistance and Shatterproof When a glass solar module is hit with a hammer, it shatters, and the entire module will lose power. Rfusion's solar module will only lose power at the point of impact if the solar cell is damaged, but not from the entire module. These Solar modules are impact resistant and shatterproof as the modules are IEC 61215 certified for hail impact resistance

Built with Lightweight Advanced Materials Our solar modules are 40-50% lighter than glass panels. This makes it easier for shipping, handling and installation. The light weight material helps save on overall weight to cost ratio. The panel is covered with a fluoropolymer film that lasts for years, holds up in harsh weather conditions and reduces glare. The R Power solar modules are rugged and built to last with carbon/glass fibre rigid composite materials.

Minimal Glare and High Absorption Rate These solar modules utilise the advanced material property to reduce the reflection and glare. This makes the solar modules perfect for applications where glare becomes a critical safety issue such as in military, airports and in traffic areas. With a lower reflection rate the solar module has a better light absorption rate than a glass solar module.

High efficiency solar module Rfusion's Solar modules are made with high efficiency mono crystalline silicon cells. Individual cells are over 22.0% efficient. IP68 rated, no Potential-induced degradation (PID) phenomenon. UL1703 certified.

