

NUESolar 120B

The NUESOLAR line of photovoltaic modules is engineered by NUE (AND THUS NOT A PRIVATE LABEL) for those who need high-efficiency, rugged, and portable solar power in the most demanding environments. Whether deployed for disaster response, military operations, off-grid adventures, or mobile living, the **NUESolar 120B** delivers reliable, lightweight solar energy without compromising durability.

120W of PV in a lightweight, affordable, and IP65 panel



Benefits

-  **Ultra-High Efficiency** – Cutting-edge 24% solar energy conversion efficiency ensures maximum power generation in a compact footprint.
-  **Rugged & Durable** – Constructed with ETFE-coated backsheet and aluminum plate laminate, these panels resist harsh weather, impacts, and wear.
-  **Ultra-Thin & Lightweight** – At just 0.16 inches (4mm) thick, they provide high power output with minimal weight, making transport and deployment effortless.
-  **Smart Design** – NUE uses a semi-flexible design that discourages extreme bending and microfractures while style making this unit portable and lightweight.
-  **Versatile Mounting** – Multiple marine-grade stainless steel grommets allow easy attachment to a variety of surfaces, from vehicles and structures to portable stands.

-  **Elegant** – The junction box is on the back of the panel and the wiring is concealed.
-  **Weather-Resistant** – With an IP65 waterproof rating, these panels withstand rain, dust, and extreme conditions for long-term outdoor use.

Applications

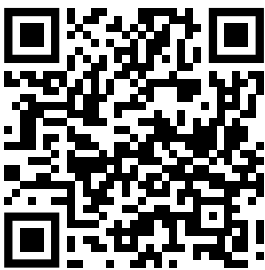
-  **Pair with NUE SunCases and Power Stations**
-  **RV, Golf Cart, and Trailer solarization**
-  **Disaster relief and emergency backup power**
-  **Field deployable power for Film/TV and construction**
-  **Backpacking**



SPECIFICATIONS

Solar Panel Version	120B
Power	120W
Operating Voltage (Vmp):	35V
Solar energy conversion efficiency	24%
Backsheet coating material	ETFE
Output Interface	MC4 (back of solar panel)
Cell size	125*125mm
Size	43.3" x 21.3" x 0.16" (1100 x 540 x 4mm)
Weight	8.82 lbs (4kg)
Waterproofing level	IP65
Color	White
Grommets	6pcs (10mm stainless steel)

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