SYM Renewables

MODULE BY ELITE Solar

HAIL-RESISTANT BIFACIAL MODULE · ET-NR66TBH610-630GL

VANTA Pro Hail-Resistant Module

Engineered for High Hail-Risk Sites

A utility-scale bifacial module built for sites with elevated hail exposure, for utility-scale developers, EPCs, distributors, and project owners.

55 mm	610-630 W	23.3%	30 yrs
HAIL IMPACT RATED	NAMEPLATE STC	MODULE EFFICIENCY	PERFORMANCE WARRANTY

WHY IT MATTERS

A utility-scale bifacial module designed for the Prairie hail environment. The supplied source states testing to 55 mm impact at 33.9 m/s and low microcrack risk. Use only after verifying the exact test report and approved marketing wording with Elite Solar.

AT A GLANCE

- ✓ 3.2mm tempered front glass, 2.0mm tempered back glass — reinforced for impact and fire resistance
- ✓ N-Type monocrystalline cells (132 per module), up to 23.3% efficiency
- ✓ Bifacial — up to 80%±10% rear-side power gain on high-albedo ground
- ✓ UL61215 / UL61730 certified, ETL listed
- ✓ BloombergNEF Tier 1 and EcoVadis Gold-rated manufacturer

SPECIFICATIONS

Model family	**ET-NR66TBH610-630GL**
Max power (STC)	**610 – 630 W**
Module efficiency	**22.6% – 23.3%**
Cell technology	**N-Type Mono (132pcs)**
Front / back glass	**3.2mm / 2.0mm**
Hail impact rating	**55mm @ 33.9 m/s**
Power bifaciality	**80% ± 10%**
Dimensions	**2382 × 1134 × 35mm**
Weight	**43 kg**
Mechanical load (snow/wind)	**5400 / 2400 Pa**
Operating temperature	**−40 to +85°C**
Warranty (product / performance)	**12 yrs / 30 yrs**

MARKET CONTEXT

Hail losses are rising across North America's highest hail-risk solar markets, and developers are increasingly asked to specify hail resistance at procurement.

Planning a Prairie solar project?

Request VANTA Pro project pricing and technical documentation from SYM Renewables.

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