

Pro Power High Returns

670W

1.2% ↘
LCOE Lowered by

1.2% ↗
First-year
Power Generation
Increased by

1.2% ↗
30-year Cumulative
Power Generation
Increased by

ASTRO N7 Pro



Meet Your Demands with Pro Power

- Superior Power & Efficiency
- Better Temperature Coefficient
- Higher Bifacial Gains
- Lower BOS Costs & LCOE

CHSM66RN(DG)/F-BQ

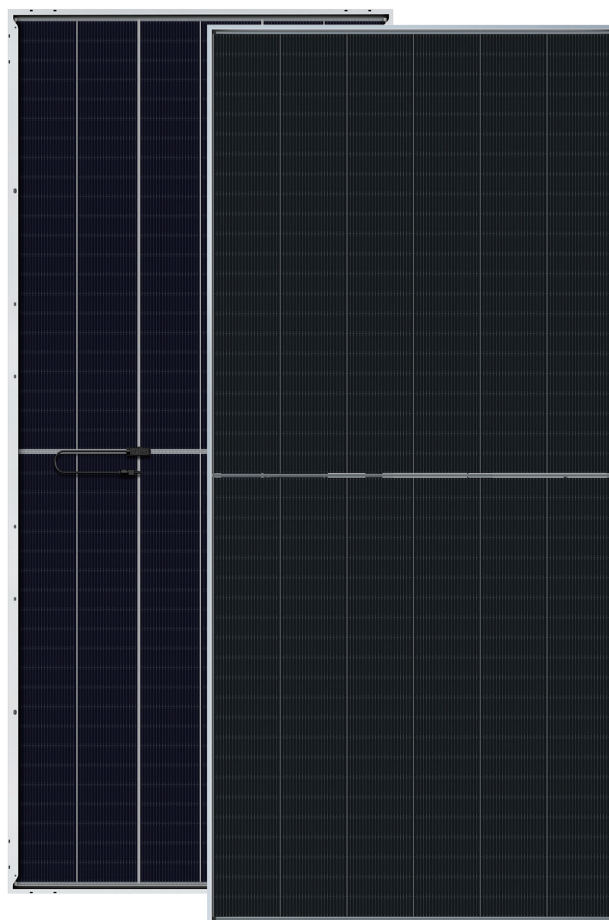
Maximum Power	670Wp
Maximum Efficiency	24.8%
Module Dimension	2382*1134*30 mm
Temperature Coefficient	-0.26%/°C
Bifaciality	85±5%

INDUSTRY-LEADING WARRANTY

Product Warranty 15-year	Liner Power Warranty 30-year
First-year Degradation ≤1%	Annual Degradation ≤0.35%



Please scan the QR Code to
find more product information



Tier 1
BloombergNEF



ADVANCED PRODUCT DESIGN



High Power

- **TOPCon 5.0+ Cell Tech:** 0.7%+ efficiency gains
- **Quarter-cut Cell Tech:** reduced power loss and increased power generation per watt
- **85±5% Bifaciality:** 10%+ higher than that of BC products, 1-3% more bifacial power gains



High Energy Yield

- **Better Temperature Coefficient:** stable power generation in high-temperature environments
- **Enhanced Low-irradiance Performance:** longer power generation period
- **Superior Partial Shading Resistance:** 20%+ higher power generation under partial shading compared with half-cut-cell modules



High Reliability

- **Flux-free:** enhanced anti-aging performance
- **Stronger Hidden-crack Resistance:** 20 ribbons, low temperature and low stress interconnection tech
- **Improved Hot Spot Resistance:** reduced hot spot peak temp. by 30°C+, ensuring lifecycle safety



High Compatibility

- Flexible compatibility with global mainstream system components
- Versatile across diverse application scenarios

OPTIMIZED SYSTEM COSTS

Installed Capacity: 100MW
Project Location: Spain

Project Form: 1P Tracker
Inverter Type: Centralized Inverter

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*Case Analysis: ASTRO N7 Pro 660W v.s. Same-size BC Modules 660W

WHY ASTRONERGY

In an ever-evolving energy landscape, selecting the right partner for your solar needs is crucial. With global experience, financial reliability, and a track record of industry-leading performance, Astronergy is your trusted partner for long-term success.

Global Business Footprint

With a robust presence in over 140 countries and regions, and 12 global advanced manufacturing bases

Extensive PV Experience

The parent company, CHINT Group as the only company worldwide ranked BNEF Tier 1 in PV modules, inverters and energy storage

Consistently Improving Bankability

Consistently enhanced financial stability, building a reliable reputation with investors and financial institutions

Industry-Leading Recognition

Recognized as a PVEL 'TOP Performer' for 9 years, demonstrating exceptional reliability in the industry

Stable Supply Chain

The supply chain is highly reliable, guaranteeing consistent production and ensuring the timely delivery of every project

First-Tier Traceability

A first-tier traceability system that guarantees full transparency and reliability for high-quality products