

More Power Higher Return Sleeker Design



ASTRO N7 3.0



The New Benchmark for High-performance Solar

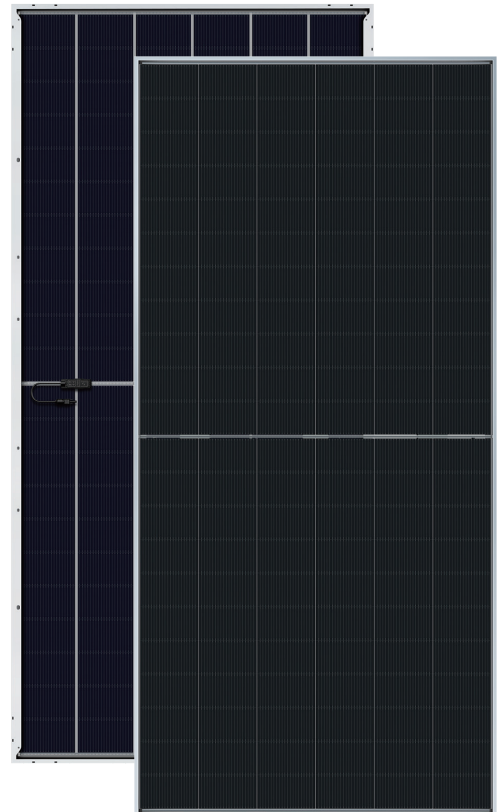
-  Higher Output, Better Economics - Up to 655W | 24.2%
-  Premium Aesthetics - Clean, Seamless Appearance
-  Enhanced Reliability - Hidden-crack Resistance
-  Lower BOS Costs & LCOE - Higher Returns

CHSM66RN(DG)/F-BH

Module Dimension	2382*1134*30 mm
Bifaciality	UP to 85%

INDUSTRY-LEADING WARRANTY

Product Warranty 15-year	Liner Power Warranty 30-year
First-year Degradation ≤1%	Annual Degradation ≤0.4%



ADVANCED PRODUCT DESIGN



Higher Energy Density More power. Faster payback.

- Up to **655W** output and **24.2%** efficiency **generate more energy** from every module.
- Optimized cell layout increases active area for **higher energy production**.



Superior Reliability Lasts longer. Performs reliably.

- **Enhanced resistance** to micro-cracks helps protect long-term performance.
- **Robust design** withstands harsh weather and demanding environments.
- **Improved mechanical strength** supports reliable operation for decades.



Excellent Energy Yield Higher harvest. Better ROI.

- Delivers **stable energy production** even under low-light conditions.
- Excellent morning, evening and cloudy-day performance **maximizes energy harvest**.
- Ultra-low degradation ensures **reliable output year after year**.



Optimized for Better Economics Smarter design. Higher value.

- **Lower voltage design** enables more modules per string and reduces BOS costs.
- Compatible with mainstream inverters and mounting systems for **easier project design**.
- Engineered to **maximize long-term project value**.

BETTER PROJECT ECONOMICS

CUSTOMER BENEFITS (C&I PROJECT)

 **Project Location:** Madrid, Spain

 **Installation Area:** 10,000m²



Project Form: Fixed Tilt

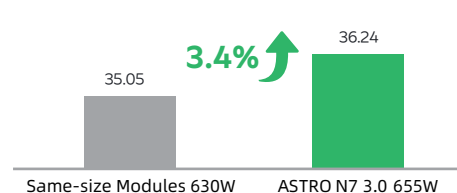


Inverter Type: String Inverter

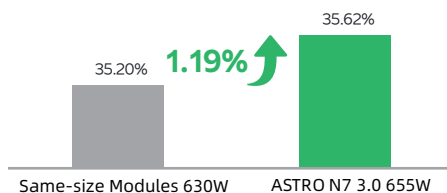


**Initial Investment Cost
Reduced by 0.64%**

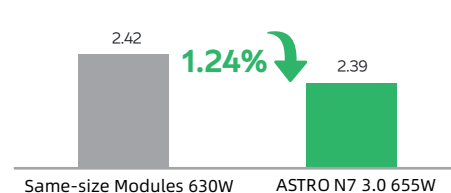
Specific Energy Yield (MWh/kW)



IRR Improvement



Payback Period



*Case Analysis: ASTRO N7 3.0 655W 20BB v.s. Same-size Modules 630W 16BB

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 10 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