

# GCL- NT12R/54GDF



**490-510W**

**Bifacial Dual Glass  
Monocrystalline Module**

**510W**

Maximum Power Output

**22.92%**

Maximum Module Efficiency

**0~+5W**

Power Output Guarantee

## GCL Delivers Reliable Performance Over Time

- World-class manufacturer of crystalline silicon photovoltaic modules
- Fully automatic facility and world-class technology
- Rigorous quality control to meet the highest standard: ISO 9001, ISO 14001 and ISO 45001
- Tested for harsh environments (salt mist, ammonia corrosion and sand blowing test: IEC 61701, IEC 62716, DIN EN 60068-2-68)
- Long term reliability tests
- 2x100% EL inspection ensuring defect-free modules



SMBB metallization technology allows more micro-crack and Off-grid to improve reliability;



Higher product power, lower LCOE, improve project yield

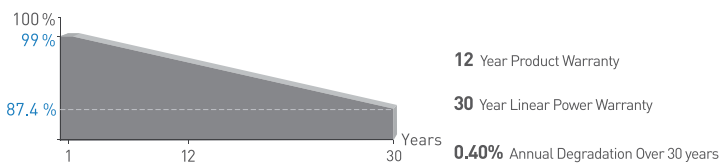


N-type wafer, high quality passivation, lower Lid/Letid and annual degradation



sand blowing, salt mist and ammonia test passed to endure harsh environment

## Linear Performance Warranty



Optimized encapsulating material and strict process control ensure PID resistance



Non-destructive cutting technology to reduce the risk of micro-cracks

\* Please refer to GCL standard warranty for details

Additional Insurance Backed by Swiss RE

\* Please refer to GCL for details



