Haikou field test site evidence report: TOPCon technology's comprehensive power generation efficiency is significantly 5.09% higher than that of N-type BC modules.

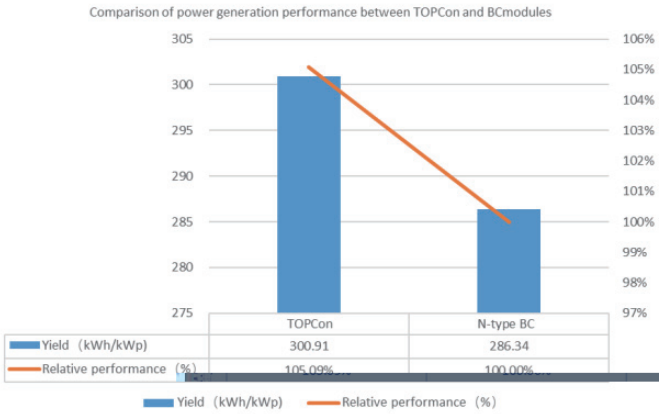

Figure 1: Comparison of power generation per watt between TOPCon and other BC II modules

1、Excellent Low-Irradiance Performance

Project Background

2、High Bifaciality Advantage

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Significance:

Module Information

Test results:

Test situation

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Module operation data results and analysis

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Months	TOPCon module Average Temperature	N-type BC module average temperature
2024.11	27.67	27.88
2024.12	28.42	28.62
2025.01	22.51	22.64
2025.02	24.20	24.54

Table 2. 024.11-2025.02 TOPCon3.0 VS BC2.0 generation in Haikou