

## Tiger Neo 3.0: LCOE Winner



### Japan

Monsoon climate - four distinct seasons, mild climate  
Annual average irradiance: **1387-1460kWh/m<sup>2</sup>**

Product Type	Tiger Neo 3.0	N-Type BC
Module Power	670W	670W
Module Efficiency	24.8%	24.8%
Module Price	Same Price	
Low Irradiance Performance (200W/m <sup>2</sup> )	<b>96.77%</b>	94.28%
BOS Difference	No Difference	Benchmark
First-year Power Generation / MWh	730	726
30-year Cumulative Power Generation /MWh	20,777	20,664
Power Generation Gain	<b>0.54%</b>	Benchmark
LCOE	<b>-1.00%</b>	Benchmark

\*Distributed rooftop project; power generation is based on PVsyst simulation with Albedo=0

### Germany

Climate type: Temperate marine climate - cloudy and rainy  
Annual average irradiance: **1100-1300kWh/m<sup>2</sup>**

Product Type	Tiger Neo 3.0	N-Type BC
Module Power	670W	670W
Module Efficiency	24.8%	24.8%
Module Price	Same Price	
Low Irradiance Performance (200W/m <sup>2</sup> )	<b>96.77%</b>	94.28%
BOS Difference	No Difference	Benchmark
First-year Power Generation / MWh	1,040	1,032
30-year Cumulative Power Generation /MWh	24,897	24,705
Power Generation Gain	<b>0.77%</b>	Benchmark
LCOE	<b>-1.11%</b>	Benchmark

\*Distributed rooftop project; power generation is based on PVsyst simulation with Albedo=0

### Saudi Arabia

Climate type: High temperature and high irradiance  
Annual average irradiance: **1700-1850kWh/m<sup>2</sup>**

Product Type	Tiger Neo 3.0	N-Type BC
Module Power	670W	670W
Module Efficiency	24.8%	24.8%
Module Price	Same Price	
Bifaciality	<b>85%±5%</b>	70%±5%
Low Irradiance Performance (200W/m <sup>2</sup> )	<b>96.77%</b>	94.28%
BOS Difference	No Difference	Benchmark
First-year Power Generation / MWh	184,032	177,554
30-year Cumulative Power Generation /MWh	5,237,941	5,053,563
Power Generation Gain	<b>3.52%</b>	Benchmark
LCOE	<b>-3.45%</b>	Benchmark

\*Centralized ground power station; power generation is based on PVsyst simulation with Albedo=20

### Qinghai

Climate type: Temperate marine climate - cloudy and rainy  
Annual average irradiance: **1700-1850kWh/m<sup>2</sup>**

Product Type	Tiger Neo 3.0	N-Type BC
Module Power	670W	670W
Module Efficiency	24.8%	24.8%
Module Price	Same Price	
Bifaciality	<b>85%±5%</b>	70%±5%
Low Irradiance Performance (200W/m <sup>2</sup> )	<b>96.77%</b>	94.28%
BOS Difference	No Difference	Benchmark
First-year Power Generation / MWh	171,840	166,205
30-year Cumulative Power Generation /MWh	4,890,931	4,730,547
Power Generation Gain	<b>3.28%</b>	Benchmark
LCOE	<b>-3.60%</b>	Benchmark

\*Centralized ground power station; power generation is based on PVsyst simulation with Albedo=20