

Neo 3.0: LCOE度电成本标杆



气候类型：季风气候-四季分明，气候温和  
年平均辐照量：1387-1460kWh/m²

|           | Tiger Neo 3.0 | N-Type BC |
|-----------|---------------|-----------|
|           | 670W          | 670W      |
|           | 24.8%         | 24.8%     |
|           |               |           |
| (200W/m²) | 96.77%        | 94.28%    |
| BOS       |               |           |
| / MWh     | 730           | 726       |
| 30        | /MWh          | 20,777    |
|           | 20,664        |           |
|           | 0.54%         |           |
| LCOE      | -1.00%        |           |

\*分布式屋顶项目，发电量基于PVsyst仿真模拟，采用Albedo=0

气候类型：温带海洋性气候-阴天多雨  
年平均辐照量：1100-1300kWh/m²

|           | Tiger Neo 3.0 | N-Type BC |
|-----------|---------------|-----------|
|           | 670W          | 670W      |
|           | 24.8%         | 24.8%     |
|           |               |           |
| (200W/m²) | 96.77%        | 94.28%    |
| BOS       |               |           |
| / MWh     | 1,040         | 1,032     |
| 30        | /MWh          | 24,897    |
|           | 24,705        |           |
|           | 0.77%         |           |
| LCOE      | -1.11%        |           |

\*分布式屋顶项目，发电量基于PVsyst仿真模拟，采用Albedo=0

气候类型：沙漠气候-高温高辐照  
年平均辐照量：2200-2500kWh/m²

|           | Tiger Neo 3.0 | N-Type BC |
|-----------|---------------|-----------|
|           | 670W          | 670W      |
|           | 24.8%         | 24.8%     |
|           |               |           |
| 85%±5%    |               | 70%±5%    |
| (200W/m²) | 96.77%        | 94.28%    |
| BOS       |               |           |
| / MWh     | 184,032       | 177,554   |
| 30        | /MWh          | 5,237,941 |
|           | 5,053,563     |           |
|           | 3.52%         |           |
| LCOE      | -3.45%        |           |

\*集中式地面电站，发电量基于PVsyst仿真模拟，采用Albedo=30

气候类型：高温高辐照  
年平均辐照量：1700-1850kWh/m²

|           | Tiger Neo 3.0 | N-Type BC |
|-----------|---------------|-----------|
|           | 670W          | 670W      |
|           | 24.8%         | 24.8%     |
|           |               |           |
| 85%±5%    |               | 70%±5%    |
| (200W/m²) | 96.77%        | 94.28%    |
| BOS       |               |           |
| / MWh     | 171,840       | 166,205   |
| 30        | /MWh          | 4,890,931 |
|           | 4,730,547     |           |
|           | 3.28%         |           |
| LCOE      | -3.60%        |           |

\*集中式地面电站，发电量基于PVsyst仿真模拟，采用Albedo=20