



Large-scale Ground-mounted Solar Power Plants

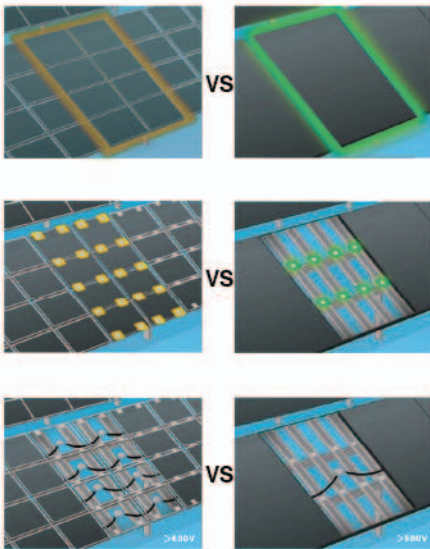


ENN EST F11 Series tandem junction silicon thin-film modules are recommended to optimize the yield of the whole system.

Through our fully integrated services and perfect cost performance ground-mounted systems, ENN Solar Energy provides a complete solution for utilities and commercial usage. In projects in China and around the world ENN Solar is helping lead the way.

↓ Traditional Ground-mount Solar Power Plants

↓ Ground-mount Solar Power Plants using ENN EST series modules



- ✓ Less labor, installation time and failure chance
- ✓ Fewer panels, supporting frames, mounting components and cables
- ✓ Lower loss on array wiring series





Dependable

Leading design methodology and dependable balance of system components ensure the whole system generate more power over 25 years with:

- Pre-fabricated anti-ultraviolet branched cable
- Hot-dip galvanizing mounting system
- High voltage power optimizer combiner
- High conversion efficiency PV arrays
- Intelligent monitoring system

Balanced

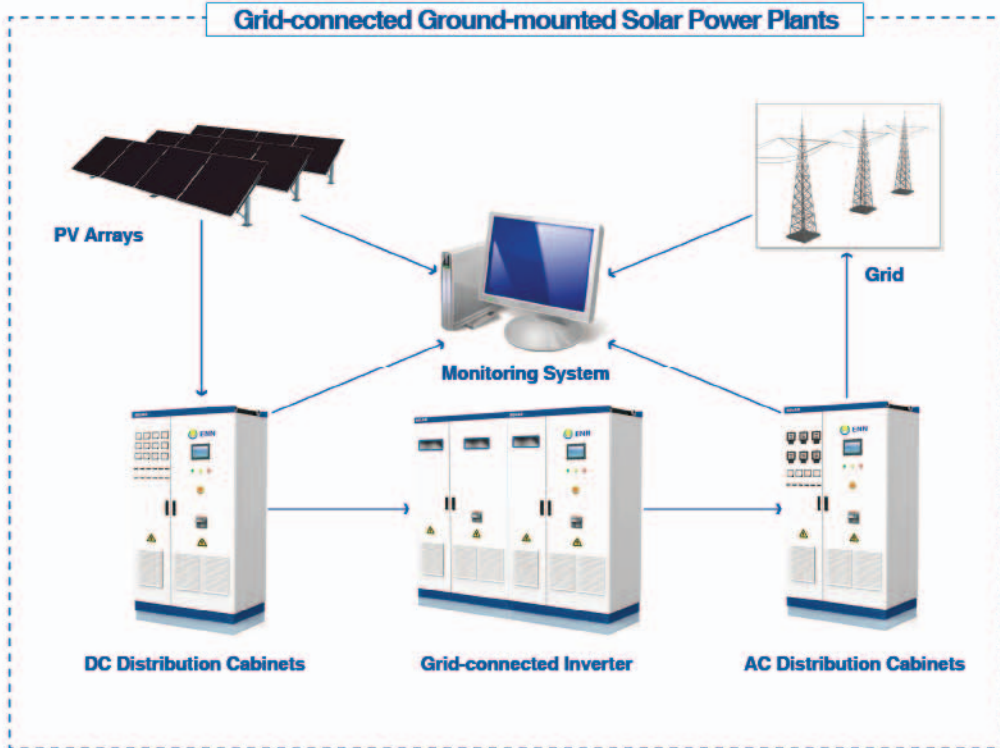
ENN Solar Energy guarantees competitive balance of system with large size modules, simplified PV supporting structure and wiring series, optional time-saving mechanical arms or robots.

Effective

Superior performance of PV system at low irradiance and high temperature delivers higher power output and ROI.



Grid-connected Ground-mounted Solar Power Plants



↓ Precast concrete foundation



↓ Natural foundation



↓ Deposit concrete foundation



Reference cases

1MW tandem junction silicon ground-mounted thin-film solar power plant	
Scale	1MW
Location	39.58°N, 116.75°E
Meteorological condition	Average temperature 11.8 centigrade, peak sunshine duration 1577 hours per year
Module Specification	EST-480*2082 pieces
Power output at first year	1465764 kWh
Power output within 25 years	32759833 kWh
Sustainability	Saving 34676 tons of carbon dioxide in 25+ years.