



Société Sahara Renewables S.a.r.l.
Project Développement & Consultation

Énergie Solaire – Montée au sol

La Société Sahara Renewables S.A.R.L. au Maroc fait partie de Renewable Energy Factory B.V. aux Pays-Bas.

www.sahararenewables.com.

Options pour l'énergie Solaire montée au sol:

- Ces systèmes sont appelés montés au sol, ou fermes solaires.
- Système d'énergie solaire au sol avec raccordement au réseau.
- Système d'énergie au sol hors réseau;
 - Avec des batteries.
 - Avec des batteries et une connexion au(x) générateur(s) alimenté(s) au diesel.
- Pour des usages commerciaux ou industriels.



Exemple:

- Système 200kWp
- 817x panneaux solaires de 245Wp (Canadian Solar): total 200.165Wp
- 10x onduleurs (Omnisol 20kW)
- Surface au sol nécessaire: 3.200m²

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Angle d'inclinaison des panneaux	kWh/kWp	Puissance	Production
24° (optimal)	1810	200.165 Wp	362.299 kWh/jr



CS6P

235/240/245/250/255P



CS6P is a robust solar module with 60 solar cells. These modules can be used for on-grid solar applications. Our meticulous design and production techniques ensure a high-yield, long-term performance for every module produced. Our rigorous quality control and in-house testing facilities guarantee Canadian Solar's modules meet the highest quality standards possible.

Key Features

- High module efficiency up to 16.85%
- Positive power tolerance: 0 – +5W
- Robust frame to up to 5400 Pa load
- Self-cleaning surface
- Outstanding performance at low irradiance
- High energy yield at Low NOCT
- **Backed By Our New 10/25 Linear Power Warranty Plus our added 25 year insurance coverage**



- 10 year product warranty on materials and workmanship
- 25 year linear power output warranty

Best Quality

- 235 quality control points in module production
- EL screening to eliminate product defects
- Current binning to improve system performance
- High PID Resistance
- Accredited Salt mist/Ammonia resistance
- Top performance by PVUSA Test Conditions (PTC) rating

Best Warranty Insurance

- 25 years worldwide coverage
- 100% warranty term coverage
- Providing third party bankruptcy rights
- Non-cancelable
- Immediate coverage
- Insured by 2 world top insurance companies

Comprehensive Certificates

- IEC 61215, IEC 61730, IEC 61701 ED2, UL1703, IEC 62716, RECOD, CEC Listed, CE, JET and MCS
- ISO9001:2008 Quality Management System
- ISO/TS16949:2009 The automotive quality management system
- ISO 14001:2004 Standards for Environmental management systems
- QC080000 HSPM: The Certification for Hazardous Substances Regulations
- OHSAS 18001:2007 International standards for occupational health and safety



www.canadiansolar.com



Omnik New Energy Solar Inverter

Omniksol-13k-TL/Omniksol-17k-TL/Omniksol-20k-TL



Features

- Max. Efficiency 99.2%, Euro Efficiency 97.8%
- Double MPPT, MPPT accuracy up to 99.9%
- IP65 design, work properly under severe outdoor circumstances.
- Full solution of safety protection, DC switch integrated.
- Flexible input and output connections, support RS485, Ethernet and USB communication.
- Transformerless design and high power density, lighter and more convenient for installation.



Efficiency Curve for Omniksol-20k-TL



Certificates



ENEL Guide RD1699

www.omnik-solar.com

Sahara Renevables assure l'ingénierie du système, l'achat, la livraison et l'installation, du système solaire photovoltaïque au sol que vous souhaitez. N'hésitez pas à nous contacter pour obtenir notre devis.



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