



Solar - References

Power Electronics

Solar Sector

- +10k solar inverters sold
- +1200 solar projects around the world
- +25GW of annual production capacity
- +25 International Delegations

Market leader with +50GW of installed power inverters.

We are #1 in USA, UK, Spain and LATAM in utility-scale solar inverters.





+50GW *Installed*

Spain

La cabrita

AC Power: 45MW

Location: Spain

Solution: HEMK + MV Skid

Commissioning date: Q3 2021



1500V – SPAIN

La Pedraja

AC Power: 3,4MW

Location: Spain

Solution: HEMK + MV SKID

Commissioning date: Q1 2021



1500V – Mexico

Pollux

AC Power: 36.3MW

Location: Mexico

Solution: HEMK + MV Twin Skid

Commissioning date: Q1 2021



1500V – USA

Central 40

AC Power: 50MW

Location: USA

Solution: HEM

Commissioning date: Q1 2021



1500V – Spain

Talasel

AC Power: 300MW

Location: Spain

Solution: HEMK

Commissioning date: Q4 2020

**Highlights: Commissioned in
four days**



1500V – USA

Little Bear

AC Power: 160MW

Location: USA

Solution: HEM

Commissioning date: Q4 2020



1500V – USA

BlackJack Ranch

AC Power: 4MW

Location: USA

Solution: HEMK

Commissioning date: Q4 2020



1500V – Mexico

Don Diego Solar

AC Power: 125MW

Location: Mexico

Solution: HEMK + MV TWIN SKID

Commissioning date: Q4 2020



1500V – USA

Desert Harvest

AC Power: 170MW

Location: USA

Solution: HEM

Commissioning date: Q4 2020



1500V – USA

Mustang 2

AC Power: 150MW

Location: USA

Solution: HEM

Commissioning date: Q4 2020



1500V – USA

Impact

AC Power: 198.5MW

Location: USA

Solution: HEM

Commissioning date: Q4 2020



1500V – USA

192 Mansfield

AC Power: 3MW

Location: USA

Solution: HEC V1500

Commissioning date: Q3 2020



1500V – Netherlands

Gennep

AC Power: 11MW

Location: Netherlands

Solution: HEMK

Commissioning date: Q3 2020



1500V – Spain

Torre de Cotillas II

AC Power: 5,6MW

Location: Spain

Solution: HEMK

Commissioning date: Q3 2020



1500V – USA

Route 12

AC Power: 5MW

Location: USA

Solution: HEMK

Commissioning date: Q2 2020



1500V – Spain

Campanario I

AC Power: 36MW

Location: Spain

Solution: HEMK

Commissioning date: Q2 2020



1500V – Spain

Torrijos II

AC Power: 7,1MW

Location: Spain

Solution: HEMK

Commissioning date: Q2 2020



1500V – USA

Lost Hills

AC Power: 30MW

Location: USA

Solution: HEMK

Commissioning date: Q2 2020



1500V – USA

Cronin

AC Power: 2,2MW

Location: USA

**Solution: Freesun HEMK +
Freemaq DC / DC**

Commissioning date: Q2 2020



1500V – Spain

Guillena

AC Power: 100MW

Location: Spain

Solution: HEMK + MV Twin Skid

Commissioning date: Q2 2020



1500V – USA

Holstein Solar

AC Power: 210MW

Location: USA

Solution: HEM

Commissioning date: Q2 2020



1500V – USA

Oya

AC Power: 30MW

Location: USA

Solution: HEM

Commissioning date: Q1 2020



1500V – USA

Gap Fresno

AC Power: 2,25MW

Location: USA

Solution: HEMK

Commissioning date: Q2 2020



1500V – USA

Lapetus Energy

AC Power: 100MW

Location: USA

Solution: HEM

Commissioning date: Q1 2020



1500V – Spain

Bonete

AC Power: 140MW

Location: Spain

Solution: HEMK

Commissioning date: Q2 2020



1500V – USA

Borrego South Main

AC Power: 5MW

Location: USA

Solution: HEMK + DC/DC

Commissioning date: Q1 2020



1500V – Spain

La Solanilla

AC Power: 50MW

Location: Spain

Solution: HEMK + MV TWIN SKID

Commissioning date: Q1 2020



1500V – Malaysia

Kuala Muda

AC Power: 20MW

Location: Malaysia

Solution: HEMK + MV SKID

Commissioning date: Q1 2020



1500V – Japan

Mine Yamaguchi

AC Power: 14MW

Location: Japan

Solution: HEC V1500

Commissioning date: Q4 2019



1500V – EUROPE

Bonete

AC Power: 141.6 MW

Location: SPAIN

Solution: HEMK

Commissioning date: Q3 2019



1500V – EUROPE

Alcázar

AC Power: 190 MW

Location: SPAIN

Solution: HEMK

Commissioning date: Q3 2019



1500V – NORTH AMERICA

Phoebe

AC Power: 250 MW

Location: USA

Solution: HEM

Commissioning date: Q3 2019



1500V – EUROPE

LES BROULES 2

AC Power: 3.56 MW

Location: FRANCE

Solution: HEMK

Commissioning date: Q1 2019



POWER ELECTRONICS

1500V – NORTH AMERICA

GRANGE HALL

AC Power: 71,5 MW

Location: USA

Solution: HEM

Commissioning date: Q1 2019



1500V – EUROPE

Nuñez de Balboa

AC Power: 400 MW

Location: SPAIN

Solution: HEC V1500

Commissioning date: Q2 2019



1500V – NORTH AMERICA

WILLOW SPRINGS

AC Power: 108,5 MW

Location: USA

Solution: HEM

Commissioning date: Q1 2019



1500V – NORTH AMERICA

CALFLATS

AC Power: 132.3 MW +178,2 MW

Location: USA

Solution: HEC US + HEM

Commissioning date: Q3 2016 + Q1 2019

Highlights : California Flats Solar Project has a power purchase agreement (PPA) with both PG&E and Apple, Inc.



1500V – AUSTRALIA

RUGBY RUN

AC Power: 83,62 MW

Location: AUSTRALIA

Solution: HEC V1500

Commissioning date: Q4 2018



1500V – NORTH AMERICA

BARLOW

AC Power: 10 MW

Location: CANADA

Solution: HEMK

Commissioning date: Q4 2018



1500V – NORTH AMERICA

ANTELOPE 2

AC Power: 121,275 MW

Location: USA

Solution: HEM

Commissioning date: Q3 2018



1500V – NORTH AMERICA

PAYNE

AC Power: 105 MW

Location: USA

Solution: HEM

Commissioning date: Q2 2018



1500V – SOUTH AMERICA

UYUNI

AC Power: 73 MW

Location: BOLIVIA

Solution: HEC V1500

Commissioning date: Q4 2017

Highlights: 3663msnm



1500V – NORTH AMERICA

SANTIAGO

AC Power: 196 MW

Location: Mexico

Solution: HEC V1500



1500V – SOUTH AMERICA

NONOGASTA

AC Power: 42 MW

Location: Argentina

Solution: HEC V1500 + TWIN SKID

Commissioning date: Q4 2017



1500V – SOUTH AMERICA

SERTA0

AC Power: 32 MW

Location: Brasil

Solution: HEC V1500

Commissioning date: Q3 2017





1500V – SOUTH AMERICA

YUNCHARÁ

AC Power: 9 MW

Location: BOLIVIA

Solution: HEC V1500

Commissioning date: Q3 2017

1500V – MIDDLE EAST

ALCAZAR

AC Power: 283,5 MW

Location: Egypt

Solution: HEMK + TWIN SKID

Commissioning date: Q1 2019



1500V – MIDDLE EAST

AL MAFRAQ

AC Power: 70 MW

Location: Jordan

Solution: HEC V1500

Commissioning date: Q3 2018



1000V – NORTH AMERICA

CAL FLATS

AC Power: 283MW
(133+150MW)

Location: USA

Solution: HEC US

Commissioning date: Q3 2016

Highlights : California Flats Solar Project has a power purchase agreement (PPA) with both PG&E and Apple, Inc.



1000V – NORTH AMERICA

ROSE ROCK

AC Power: 163,2 MW

Location: Texas, USA

Solution: HEC US

Commissioning date: Q3 2016



1000V – NORTH AMERICA

RIVER MOUNTAIN

AC Power: 163,2 MW

Location: Texas, USA

Solution: HEC US

Commissioning date: Q3 2016



1000V – SOUTH AMERICA

SANTIAGO SOLAR

AC Power: 116,5 MW

Location: CHILE

Solution: HEC PLUS

Commissioning date: Q1 2017

Highlights: One of the largest projects in Chile by EDF



1000V – SOUTH AMERICA

ANDES

AC Power/DC Power: 23.5 MWp

Location: Antofagasta, Chile.

Solution: HEC Gen.II + MV
Outdoor Set

Commissioning date: Q1 2015

Highlights: Project located 2800
metres above sea level.



1000V – EUROPA

STOICANESTI

AC Power: 2,5 MW

Location: Romania

Solution: HES

Commissioning date: 2013



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Thanks for your attention

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