Company overview

Since 1987 producing high-power soft starters and variable speed drives.

Leaders in energy storage and solar inverters.

Driving the eMobility technology with innovative Electric Vehicle solutions.
Company overview

Presence in all industrial sectors
Energy, Mining, Water, Oil & Gas, Metal, Cement, Marine and eMobility.

Great financial strength ratios
Steady growth during last three decades.
30 years of sustained profitability.
Worldwide presence

Presence in five continents.

Worldwide 24/7 technical service.

+28 delegations
+100 sales countries
+2500 employees
Leaders in the main markets of the world
Nº1 in EEUU, LATAM, United Kingdom and Spain

Power Electronics continues to lead the U.S. central inverter market with 61% share
The firm experienced 115% YOY growth from 2017 to 2018 for central inverter shipments in the U.S.
Power On Support

Customer oriented philosophy.
Engineering support.
Off-grid commissioning.
24/7 Customer service.
24/7 On-site assistance.
Spare parts availability guarantee.
Training courses.
Global headquarters PE
Campus

1,077,000 ft² / 100,000 m²

+18 GW annual production capacity
Corporate and R&D offices

162,000 ft² / 15,000 m²
Manufacturing and R&D MV labs

646,000 ft² / 60,000 m²
Vertical integration

Design, manufacturing and assembly of all the components.

Customized solutions.

Shorter delivery times.
Continuous innovation

2010
Freesun HE
1st central-modular indoor inverter.
Up to 1 MW.

2010 - 2015
Freesun HEC
1.0 / 1.25 / 1.5 / 1.70 MW
Freesun HEC PLUS - 2.5 MW
1st central-modular outdoor inverter.

2014
XMV INDOOR
Multi-level Medium Voltage drive.

2016
Freesun HEC V1500
1st and unique central-modular 1500 Vdc inverter.
Up to 3.5 MW.

2016
XMV660 OUTDOOR
Unique MV outdoor variable speed drive.

2018
HEM & HEMK
1st MV central-string utility scale inverter.

2018
NB STATION
The turnkey outdoor solution for electric vehicles charging up to 2 MW.

2019
Freesun HEM HYBRID
All in one solution for solar + storage power plants
Lowest LCOE solution
Up to 3.6 MW
Experience

Fast time to market for new products.

Own recognized laboratories.

More than 30 years of experience in R&D.

$/W annual reduction ratio.
Our products

Solar Division.
Energy Storage and Power Quality.
eMobility.
Industrial Division.
Solar Solutions

HEM HYBRID
3190 kVA – 3630 kVA
34,5 kV
1000 kW – 3000 kW (DC/DC)
1500 Vdc

HEM
3190 kVA – 3630 kVA
34,5 kV
1500 Vdc

HEMK
2120 kVA – 3800 kVA
600 Vac – 690 Vac
1500 Vdc

MV SKID
2125 kVA – 3800 kVA
12 kV – 36 kVac
Oil transformer - 2L+P/V switchgear

TWIN SKID
4250 kVA – 7600 kVA
12kV – 36 kVac
Oil transformer - 2L+2P/2V switchgear

Solar Solutions
Energy storage and Power Quality

FREEMAO DC/DC
Bidirectional DC/DC converter
500 kW – 3000 kW
700 Vdc -1500 Vdc

FREEMAO PCSM & MULTI PCSM
3190 kVA – 3630 kVA
34.5 kV
1500 Vdc
Up to 3 independent BESS

FREEMAO PCSK & MULTI PCSK
1700 kVA – 3800 kVA
480 Vac – 690 Vac
1500 Vdc
Up to 3 independent BESS

FREEMAO STATCOM
Utility Static Compensator
2300 kVar – 3290 kVar

PPC
Power Plant Controller
eMobility

**NB STATION**
50 kW / 100 kW / 175 kW / 350 kW
50 – 500 Vdc / 150 – 1000 Vdc

**NB STATION HV**
175 kW / 350 kW / 450 kW / 600 kW
150 – 1000 Vdc

**NB 50**
50 kW
50 – 500 Vdc

**NB CITY**
Up to 2 x 22 kW 400 Vac (IEC)
Up to 2 x 7.7 kW 240 Vac (UL)

**NB WALL**
Up to 2 x 22 kW 400 Vac (IEC)
Up to 2 x 7.7 kW 240 Vac (UL)

**NB 100**
100 kW
150 – 1000 Vdc
Industrial Division

**SD300**
Variable speed drives
230 V – 480 V
0,4 kW – 30 kW

**SD500**
Variable speed drives
230 V – 480 V
0,75 kW – 90 kW

**SD700**
Variable speed drives
230 V – 690 V
1,5 kW – 2,2 MW

**SD750**
Variable speed drives
380 V – 480 V
1,5kW – 1750 kW

**VS65**
MV Soft starter
2,3 kV – 13,8 kV
150 kW – 6,3 MW

**XMV660**
MV Variable speed drives
2,3 kV – 13,8 kV
280 kW – 8,8 MW

**XMV660 OUTDOOR**
MV Variable speed drives
2,3 kV – 13,8 kV
280 kW – 8,8 MW

**V5**
Electronic soft starters
230 V – 1000 V
2 kW – 1500 kW