POWER ELECTRONICS

‘More than 30 years designing and manufacturing Medium & Low Voltage drives and soft starters. We are #1 in USA, UK and Spain in utility-scale solar inverters.’
POWER ELECTRONICS

Capacity to develop megaprojects:
Solar plants of +500MW
Solar thermal +200MW
+22GW of installed solar power
14GW production capacity for 2019

Presence in all industrial sectors:
Mining, Water, Oil & Gas, Energy, Metal,
Cement and Marine.
PRESENCE
+100 sales countries
100.000 m²

14GW/Year
Production capacity

Vertical integration

Short delivery times

Own recognized certified labs
PE CAMPUS
POWER ON SUPPORT 24/7
POWER ON SUPPORT

Customer oriented philosophy
Engineering support
Off-grid commissioning
3 year warranty / Industrial
3 year warranty / Storage
3 year warranty / e-mobility
5 year warranty / Solar
24/7 Customer service
24/7 On-site assistance
Spare parts warranty
Training courses
VERTICAL INTEGRATION OF ALL THE PROCESSES

Design, manufacturing and assembly of all the components
Electronics and metalworks.
Flexibility to innovate before competitors.
We can adapt products to customer requirements.
Shorter delivery times.
“We are nº 1 in USA, UK and Spain in Utility-scale solar inverters”

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

HEC (2011) - 1.0MW / (HEC 2012) - 1.25MW
HEC (2013) - 1.5MW / HEC (2014) - 1.70MW
HEC PLUS (2015) - 2.5MW
1st central-modular outdoor inverter.

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

XMV INDOOR (2014) - Multi-level MV drive.

XMV660 OUTDOOR (2016) - Unique MV outdoor variable speed drive.

HEM Y HEMK (2018) - 1st central-string inverter with the highest power density in the market. Up to 3.8MW.

NUBE CHARGING STATION (2018) - The turnkey outdoor solution for electric vehicles charging up to 2MW.

HEM HYBRID (2019) - All in one solution for solar + storage power plants
Lowest LCOE solution and savings in CAPEX
Up to 3.6 MW
GREAT FINANCIAL STRENGTH RATIOS

Steady growth during last decade.
30 years of sustained profitability.
MORE THAN 30 YEARS OF EXPERIENCE IN R&D

Own recognized laboratories
Continuous innovation
$/W Annual reduction ratio
Customized solutions
OUR PRODUCTS
SOLAR

HEM HYBRID
3300 kVA – 3630 kVA
34.5 kV
1000 kW – 3000 kW (DC/DC)
1500 Vdc

HEM
3190kVAr – 3630kVAr
34.5kV
1500Vdc

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

MV SKID
1050kVA - 3800kVA
12kV - 36kVac
Oil transformer
2L+P/V switchgear

TWIN SKID
3000kVA - 7600kVA
12kV - 36kVac
Oil transformer
2L+2P/2V switchgear
POWER ELECTRONICS

INDUSTRIAL

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

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

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

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

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

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

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

V5
Electronic soft starters
230V – 1000V
2kW – 1500kW
STORAGE AND GRID QUALITY

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

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

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

FREEMAQ STATCOM
Utility Static Compensator
2300kVar – 3290kVar

PPC
Power Plant Controller
e-MOBILITY

Charging Stations & Heavy Vehicles Solutions

NUBE STATION
250kW – 500kW
50 – 500Vdc

NUBE STATION PLUS
1000kW / 1500kW / 2000kW
150 – 1000Vdc

NUBE 50
50kW
50 – 500Vdc

Urban & Light Fleet Solutions

NUBE 50
50kW
50 – 500Vdc

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

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

Home & Car Park Solutions

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

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