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## Project Reference

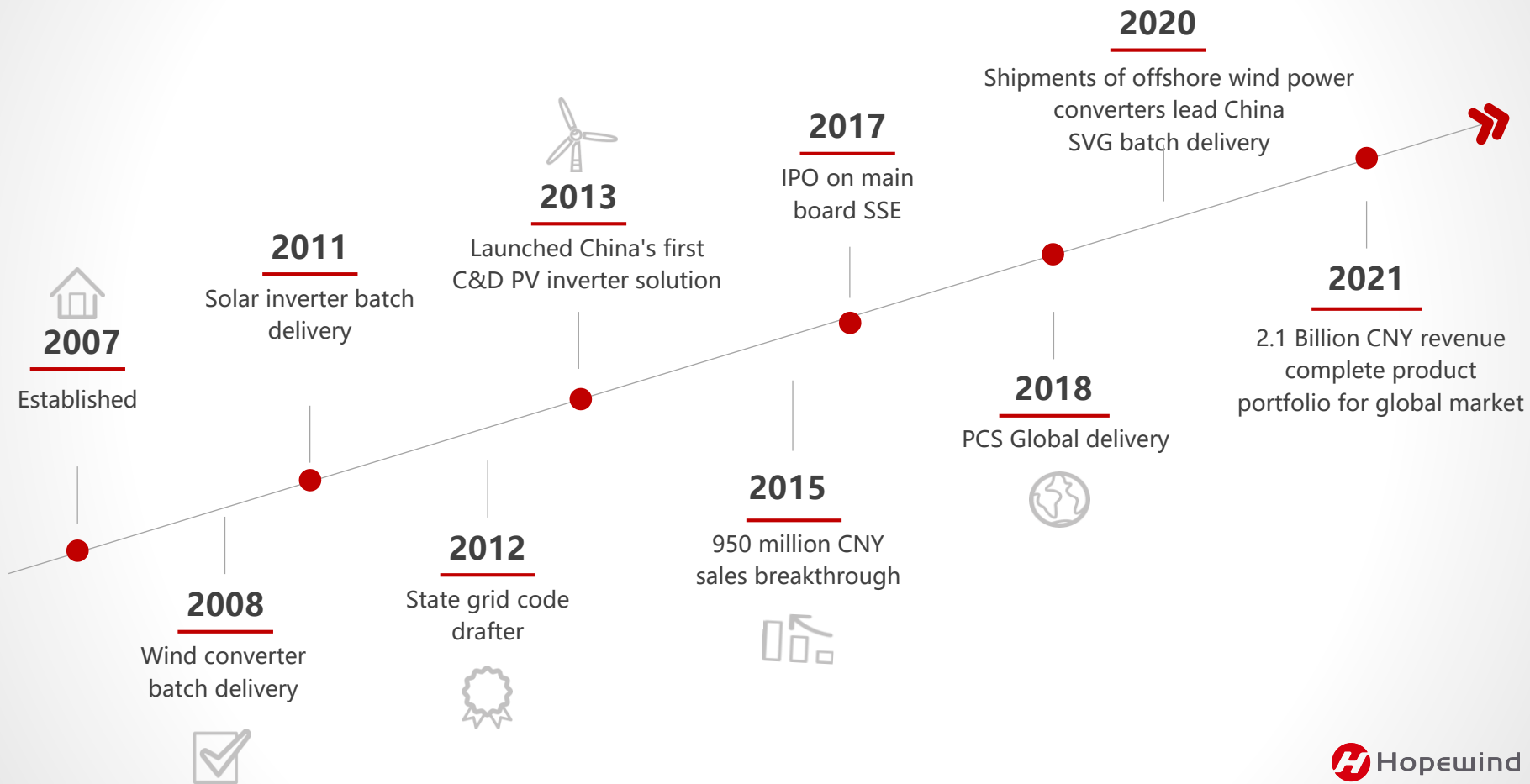
Project Cases



1

# Company Introduction

# Company Milestone



# Company Profile



2

Leading industries

Renewable and Electrical industries

15

Years

Focus on R&D and product development

2017

IPO listing

Main board listed on the Shanghai Stock Exchange

100+

GW

The cumulative shipment of renewable energy products reaches 85GW+

# R&D Capabilities

- **IEC and GB Membership**
- 4 key members in **China National Standard Committee**
- Participated in **12 China national standards** Drafting
- Participated in **3 IEC standards** Drafting



- **Patents Authorized**
- **410** China patents and **5** international patents

NSC	Full Name	Corresponding IEC	Member
TC50	National Wind Power Standardization Technical Committee	IEC/TC88	Dangsheng Zhou
TC90	National Solar Photovoltaic Energy System Standardization Technical Committee	IEC/TC82	Dapeng Zheng
TC518	National Standardization Technical Committee for Frequency Control Equipment	NA	Sufei Wang
TC60/SC1	Speed Control Electric Drive Systems Containing Semiconductor Power Converters Sub-Technical Committee of National Power Electronic System and Equipment Standardization Technical Committee	IEC/SC22G	Yunjie Wang
TC424	National Short-Circuit Current Calculation Standardization Technical Committee	IEC/TC73	Dangsheng Zhou

# R&D Capabilities



**2200+** (R&D team more than 600 people)

Core R&D team has more than 15 years power and electrical development experience



Ph.D and Master



More than 10% of  
annual revenue was spent

# R&D Capabilities



> 3MW Aging Test



> 6MW Aging Test



> Medium Voltage Test



> 3.2MW DFIG Test



> FRT Testing Platform



> 3MW PMSM



> Temp & Humidity Test



> Salty Mist Test



> Vibration Test

# Company Facilities



Shenzhen HQ,  
R&D center



Suzhou Manuf  
Base



Dongguan,  
New R&D Center



Xi'an Base



Heyuan Manuf  
Base



Beijing  
Sales & Service  
Office

HQ R&D : Shenzhen

5 R&D and manufacturing bases: Shenzhen, Suzhou, Dongguan, Xi'an, Heyuan

30 Sales & Service Center established globally

6 overseas sales and service centers: Netherlands, Brazil, South Korea, Turkey, Vietnam, Pakistan



Brazil subsidiary



Netherlands Sales  
& Service Center



Korea Sales &  
Service Center



Turkey Sales &  
Service Center



# Manufacturing Base

## > Shenzhen

23000m<sup>2</sup>

## > Suzhou

70000m<sup>2</sup>

## > Dongguan

5000m<sup>2</sup>

## > Heyuan

189000m<sup>2</sup>



**Solar & Hybrid Inverter:** 20GW/year    **Wind Converter:** 20GW/year

**ESS Capacity:** 10GW/year    **SVG:** 1.8Gvar/year    **VFD:** 20000sets/year

# Quality System

## ➤ Corporation Certification

ISO9001, ISO14001, OHSAS 18001, IATF 16949

## ➤ Lab Certification

CNAS certified, TUV witness

## ➤ Product Certification

TÜV, CE, CGC, LVRT, CQC, UL, CNAS.....



## ➤ Corporative Institute





2

# Business Overview

# Wind Power

Leading  
Enterprise

1

## Leading Wind Power Converter Enterprise

Leading the Chinese market

Globali  
zation

2

## Globalization Strategy

Develop the international market;  
Export to Europe, America, Southeast Asia  
and other regions

- > **National Science and Technology Progress Award** from the State Council, with a complete product series
- > The **ONLY** Chinese manufacturer achieved medium-voltage offshore wind power converter applications and the first manufacturer achieved offshore wind power converter with serial applications
- > The 1<sup>st</sup> one Converter member organization of **APQP4Wind** in China

# PV System

1



## TOP 10 Inverter Supplier in China

Ranked among the top 10 shipments in China's inverter market

2



## A comprehensive product range

String, Centralized and C&D types, Inverter power coverage **5kW-3.125MW**  
Inverters are listed, certified in global areas.

3



## Wide Distribution Channels

Developed distribution channel through on-line and off-line channels in **South America, APAC and European** areas.

# PV System

## Comprehensive PV Solutions



### > String Inverter

> Multi-MPPTs, decentralized grid -connection

5-8kW (550V) 8-125kW(1100V)  
225kW (1500V)



### > Central Inverter

> Single MPPT, centralized grid-connected

500/630kW (1100V)  
1.25/1.5625/2.5/3.125MW (1500V)



### > Distributed Inverter

> Multi-MPPTs, centralized grid-connected

1/1.25MW (1100V)



### > Inverter-transformer integrated solutions, MW-class

> 1.0MW~6.25MW

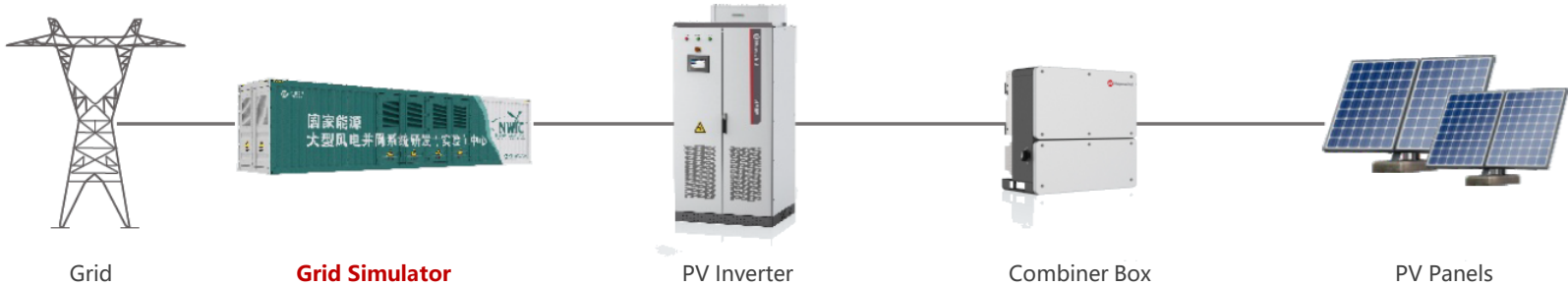


# Grid Simulator

Grid simulation for PV system



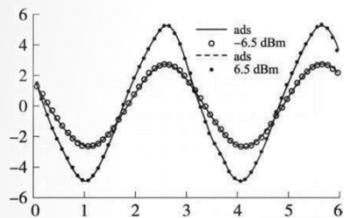
➤ Simulation for PV system



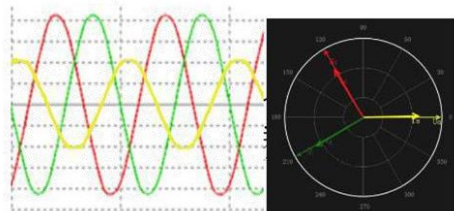
# Grid Simulator

## Grid Adaptability Test

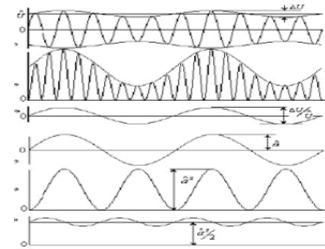
### > V/F adaptability testing



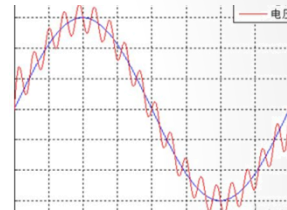
### > Voltage unbalance testing



### > Flicker suitability test

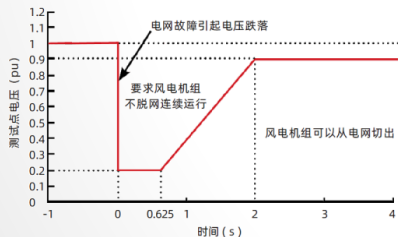


### > Harmonic suitability test

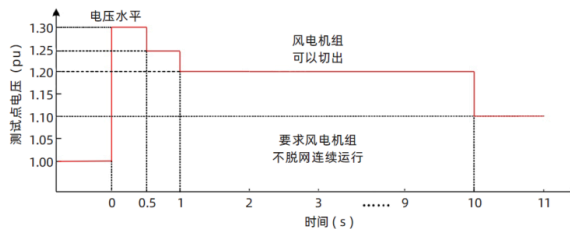


## Fault Voltage Ride Through Test

### > LVRT Test



### > HVRT Test





# Energy Storage System

## Integration Capabilities

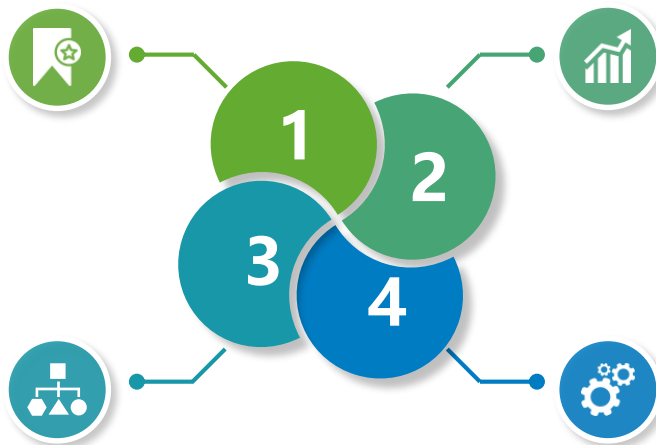
2021 Best Renewable Energy Storage Project Award

2021 Best System Integration Solution Provider Award

## Complete Solutions

**PCS, EMS, All-in-one BESS**

Solution covers all scenarios including: **Power generation side, Grid side, User side and Micro-grid**



## Large Shipment

First shipment in 2017, **cumulative shipment volume exceeded 400MW+**

## Battery Suppliers

Suppliers including: **Ganfeng, EVE, HIGEE, Great Power**

The medium includes **lead-acid batteries, lithium-ion batteries, super capacitors, flywheels**, etc



# Static Var Generator



There are application cases in wind power generation, photovoltaic power generation, rail transit, petroleum and petrochemical, coal, metallurgy and other industries

## ➤ Static Var Generator/SVG ( 3kV~10kV~35kV )

### 1Mvar~100Mvar

Direct-connection type & step-down type

Air cooling & water cooling & air conditioning-cooling

Indoor & outdoor (container type, prefabricated cabin type)

Conventional & customized (high prototype, offshore type, automatic bypass redundant type)



# Variable Frequency Drive



Focus on high-end industrial industries such as metallurgical steel rolling, oil drilling, mining machinery, ship drives; Manufacturer of 5000m/7000m/9000m oil drilling platform units in batches

## > hopeDrive

- > HD2000
- > HD8000



## > hopeVert

- > HV300
- > HV350
- > HV500



## > Customization

- > Oil and gas fields
- > Mining electric shovel
- > Mining dump truck
- > Pitch inverter





# Global Outlook

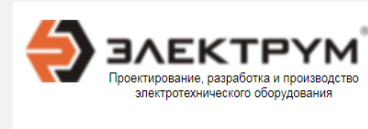
# Marching Global

- The cumulative shipment of renewable energy products reaches **85GW+<sup>1</sup>**
- **6 Local Service Center** are planned for global markets



<sup>1</sup>. Statistics as of May 2022

# Cooperative Partners



# Cooperative Partners

**LONGI** 隆基



**CEEC**  
中国能建



**Jinko** Solar  
Building Your Trust in Solar

**JA SOLAR**  
晶澳太阳能



**SYE**  
興業太陽能  
SINGYES SOLAR



**Sinoma**  
中国中材



**BG**北控

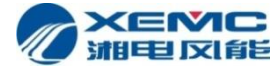


艾科光电



上海太阳能

# Cooperative Partners





# Cooperative Partners





**4**

# Project Reference

# Cases



## > 4.5MW Project

2021

Shandong, China

hopeSun60KTL

hopeSun70KTL

hopeSun100KTL



# Cases



## > 2.5MW Project

2021

Anhui, China

hopeSun60KTL

hopeSun70KTL

hopeSun100KTL



# Cases



## > 1MW Project

2021

Guangdong, China

hopeSun100KTL



# Cases



## > 200MW Project

2020

Ningxia, China

hopeSunHV250KTL



# Cases



## > 100MW Project

2020

Shanxi, China

hopeSunHV250KTL



# Cases



## > 1MW Project

2020

Zhejiang, China

HopeSun 70KTL





# Cases



## > 600kW Project

2020

Shanghai, China

HopeSun 30KTL



# Cases



## ➤ 3.8MW Project

2019

Shandong, China

HopeSun 70KTL



# Cases



## ➤ 6MW Project

2019

Anhui, China

HopeSun 50/60/70KTL



# Cases



## ➤ Solar Plant 14MW

2019

Ukraine

hopeSun60KTL



# Cases



➤ 360kW

2020

Turkey

hopeSun60KTL



# Cases



## ➤ Residential case

2020

Vietnam

hopeSun8KTL



# Cases



## ➤ Residential case

2020

Vietnam

hopeSun8KTL



# Cases



## > Commercial case

2020

Vietnam

hopeSun70KTL





# Cases



## > 1MW Project

2020

Vietnam

hopeSun70KTL



# Cases



## ➤ Commercial cases

2020

Brazil

HopeSun 12KTL

HopeSun 20KTL

HopeSun 30KTL

HopeSun 60KTL



# Cases



## > Commercial cases

2020

Brazil

HopeSun 20KTL

HopeSun 30KTL

HopeSun 36KTL

HopeSun 75KTL



# Cases



## ➤ 550kW Project

2020  
Korea

HopeSun 50KTL



# Cases



## > 700kW Project

2019

Korea

HopeSun 50KTL



# Cases



## ➤ Solar Power Plant

2018

Korea

HopeSun 50KTL



# Cases

## ➤ Batch application in complex mountains

2014 till now

China



# Cases



➤ Application in high sandstorm and high temperature (50°C) area

2014~2016

China





# Cases

➤ **Batch application in  
ultra-low temperature  
area (-30°C~-45°C)**

2014 til now  
China, Korea



# Cases



➤ Application in high humidity and high salt spray environment

2015~2019

China



# Cases



## > ESS Plant

2017~2019

Korea

8MWh



# Cases



## ➤ ESS Project

2020

China

24MW/12MWh



# Cases



## ➤ ESS Project

2020

China

800kW



# Cases



## ➤ Wind Power Plant

2019

India

Full power 750kW Converter



# Cases



## ➤ Onshore Wind Farm 61.2MW

2013

United States

Full Power Converter 3.6MW

Chinese turbine in U.S. Market



# Cases



## ➤ Offshore Wind Farm

2016 2017 2018

China

Offshore Batch Application





# Cases



## ➤ SVG/STATCOM in the wind

2019  
China

High Altitude



# Cases



## ➤ 10MW Project

2020

China

HD8000 10MW medium  
voltage IGCT VFD to the main  
drive of high-speed wire  
finishing mill



# Cases



## › Rolling Machine in Steel Company

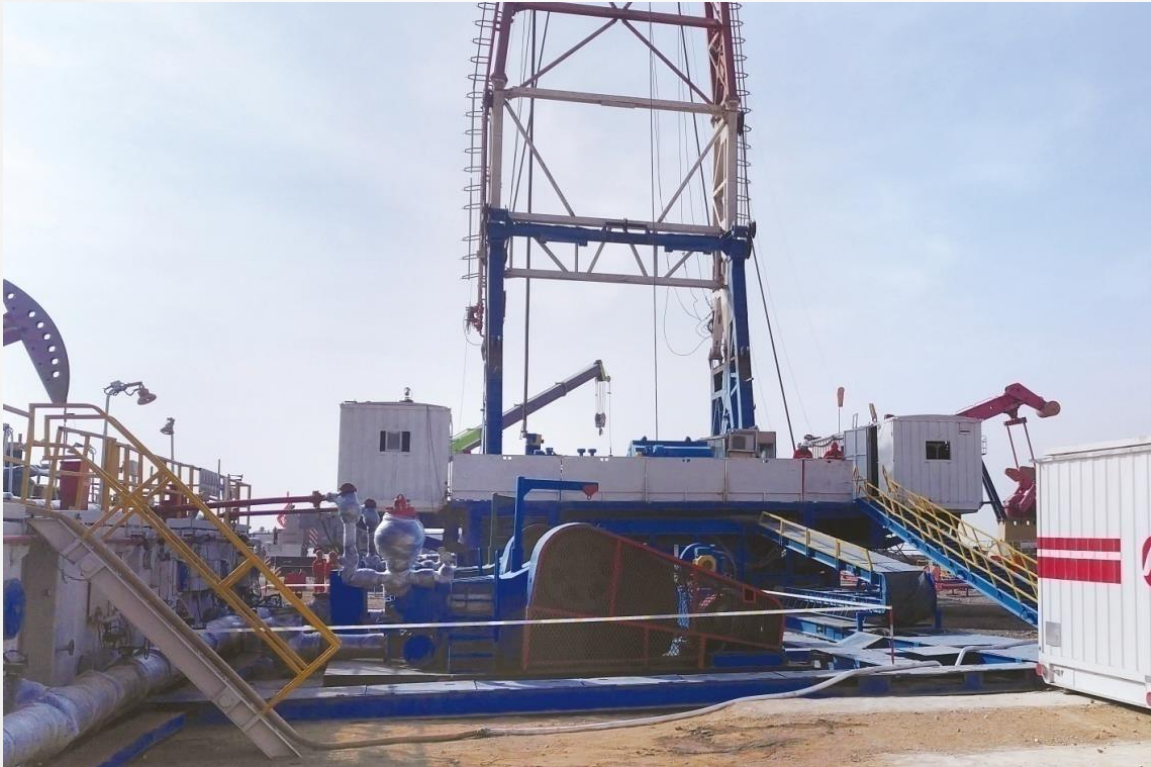
2018~2020

China

HD8000 12MVA



# Cases



## ➤ Drilling Rig Drive

2018

China

The Application of Engineering  
VFD in 7000-meter Oil Well  
Drilling Rig



# Cases



## ➤ 7000m Oil Well Drilling Rig

2018

China

HD2000



5

EMO



TMMOB  
ELEKTRİK MÜHENDİSLERİ ODASI

1954

# hopeSun 60~110KTL



## FEATURES



### High-efficiency

- 4 MPPTs with Max. efficiency 98.60%
- 20A input current, compatible with 210mm PV modules
- Night SVG function (optional)



### Reliability

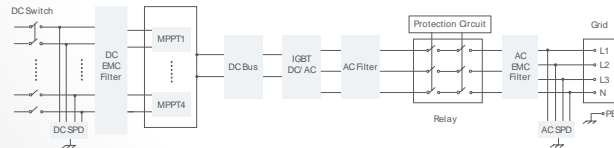
- Smart air cooling
- Built-in Type II DC&AC SPD
- Built-in PID recovery function (optional)



### User Friendly

- Built-in zero export function interface
- Touch free commissioning via APP
- AC and DC redundant power supply

## TOPOLOGICAL GRAPH



## PARAMETERS

Model	hopeSun 60KTL	hopeSun 70KTL	hopeSun 75KTL	hopeSun 100KTL	hopeSun 110KTL
<b>DC Input</b>					
Max. PV Input Power	90kW	105kW	112.5kW	150kW	165kW
Max. Input Voltage	1100V				
Starting Voltage	180V				
MPPT Voltage Range	200 ~ 1000V				
MPPT Range Full Load	520 ~ 850V			550 ~ 850V	
Max. Input Current Per MPPT	45A / 45A / 45A / 45A			65A / 65A / 65A / 65A	
Max. Short-circuit Current	60A / 60A / 60A / 60A			100A / 100A / 100A / 100A	
Number of DC Inputs	3 / 3 / 3 / 3		4 / 3 / 3 / 4		5 / 5 / 5 / 5
Number of MPP Trackers	4				
<b>AC Output</b>					
Rated Output Power	60kW	70kW	75kW	100kW	110kW
Max. Output Power	66kW	77kW	82.5kW	110kW	121kW
Rated Output Voltage	230V / 400V (3P + N + PE)				
Operating Voltage Range	300 ~ 520V				
Rated Output Current	86.6A	101.0A	108.3A	144.3A	158.8A
Max. Output Current	95A	111A	119A	158.8A	174.6A
Rated Grid Frequency	50Hz / 60Hz				
Power Factor	>0.99 (0.8 leading ~ 0.8 lagging)			>0.99 (0.9 leading ~ 0.9 lagging)	
Harmonic (THD)	<3% (at rated power)				
<b>Efficiency</b>					
Max. Efficiency	98.50%			98.60%	
European Efficiency	98.20%			98.30%	
<b>Protection</b>					
Surge Protection	DC type II / AC type II				
Insulation Impedance Detection	Yes				
Residual Leakage Current Detection	Yes				
PV String Fault Detection	Yes				
PV Reverse Polarity Protection	Yes				
Anti-Islanding Protection	Yes				
Output Overcurrent Protection	Yes				
DC Switch	Yes				
Zero Export Function	/			Yes	
<b>General Parameters</b>					
Dimensions (W*H*D)	705*650*285mm			800*680*330mm	
Weight	s75kg			s89kg	
Protection Degree	IP65				
Operating Temperature Range	-40 ~ +60°C				
Cooling System	Smart air cooling				
Topology	Transformerless				
Operating Altitude	4000m (>3000m derating)				
Display	LED, WLAN + APP				
Communication	RS485 / Wi-Fi				
DC Connection Type	MC4				
AC Connection Type	OT / DT terminal				

# hopeSunHV 250KTL



## FEATURES

### High-efficiency

- 12 MPPTs with Max. efficiency 99.01%
- Compatible with 500Vp + bifacial modules
- Highly-precise intelligent string detection

### Reliability

- Built-in Type II DC&AC SPD
- Built-in PID recovery function (optional)
- Compatible in harsh environmental conditions

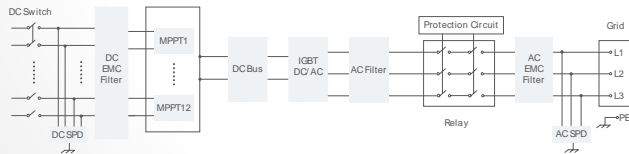
### User Friendly

- Active and reactive power regulation
- Compatible with weak grid situation
- Remote firmware upgrade

### Low Cost

- Compatible with Aluminium cable
- PLC communication to reduce cost
- Night SVG function (optional)

## TOPOLOGICAL GRAPH



## PARAMETERS

Model	hopeSunHV 250KTL
<b>DC Input</b>	
Max. PV Input Power	375kW
Max. Input Voltage	1500V
Starting Voltage	500V
MPPT Voltage Range	500 - 1500V
MPPT Range Full Load	820 - 1320V
Max. Input Current Per MPPT	12 * 30A
Max. Short-circuit Current	12 * 45A
Number of DC Inputs	12 * 2
Number of MPP Trackers	12
<b>AC Output</b>	
Rated Output Power	250kW
Max. Output Power	255kW
Rated Output Voltage	800V (3P + PE)
Operating Voltage Range	680 - 880V
Rated Output Current	180.4A
Max. Output Current	184A
Rated Grid Frequency	50Hz / 60Hz
Power Factor	>0.99 (0.8 leading - 0.8 lagging)
Harmonic (THD)	<3% (at rated power)
<b>Efficiency</b>	
Max. Efficiency	99.01%
European Efficiency	98.52%
<b>Protection</b>	
Surge Protection	DC type II / AC type III
Insulation Impedance Detection	Yes
Residual Leakage Current Detection	Yes
PV String Fault Detection	Yes
PV Reverse Polarity Protection	Yes
Anti-Islanding Protection	Yes
Output Overcurrent Protection	Yes
DC Switch	Yes
<b>General Parameters</b>	
Dimensions (W*H*D)	1090*809*337.5mm
Weight	≤115kg
Protection Degree	IP66
Operating Temperature Range	-25 ~ +60°C
Cooling System	Smart air cooling
Standby Power Consumption	<10W
Topology	Transformerless
Operating Altitude	4000m (>3000m derating)
Display	LED indicator
Communication	RS485 / PLC
DC Connection Type	MCA
AC Connection Type	OT / DT terminal



# HSHV 350K



## FEATURES

### Efficient

- 8 MPPTs with Max. efficiency 99.01%
- Up to 20A PV input current supports 210mm & bifacial PV modules
- Highly-precise intelligent string detection

### Reliable

- Built-in SPD modules
- Built-in PID recovery function (optional)
- Compatible in harsh environmental conditions

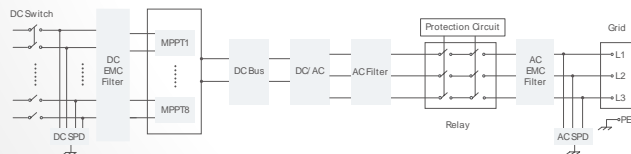
### Convenient O&M

- Active and reactive power regulation
- Compatible with weak grid situation
- 24/7 continuously monitoring
- Remote firmware upgrade

### Economy Friendly

- AC-side Aluminium cable compatibility
- PLC communication
- Night SVG function (optional)

## TOPOLOGICAL GRAPH



## PARAMETERS

Model	HSHV 350K
<b>DC Input</b>	
Max. PV Input Power	525kW
Max. Input Voltage	1500V
Starting Voltage	500V
MPPT Voltage Range	500 ~ 1500V
MPPT Range Full Load	860 ~ 1300V
Max. Input Current Per MPPT	60A
Max. Short-circuit Current	8 * 90A
Number of DC Inputs	4 * 8
Number of MPP Trackers	8
<b>AC Output</b>	
Rated Output Power	350kW
Max. Output Power	385kW
Rated Output Voltage	800V (3P + PE)
Operating Voltage Range	680 ~ 880V
Rated Output Current	252.6A
Max. Output Current	277.9A
Rated Grid Frequency	50Hz / 60Hz
Power Factor	>0.99 (0.8 leading ~ 0.8 lagging)
Harmonic (THD)	<3% (at rated power)
<b>Efficiency</b>	
Max. Efficiency	99.01%
European Efficiency	98.52%
<b>Protection</b>	
Surge Protection	DC type II / AC type III
Insulation Impedance Detection	Yes
Residual Leakage Current Detection	Yes
PV String Fault Detection	Yes
PV Reverse Polarity Protection	Yes
Anti-Islanding Protection	Yes
Output Overcurrent Protection	Yes
DC Switch	Yes
<b>General Parameters</b>	
Dimensions (W*H*D)	1135*919*416mm
Weight	≤135kg
Protection Degree	IP66
Operating Temperature Range	-25 ~ +60°C
Cooling System	Smart air cooling
Standby Power Consumption	10W
Topology	Transformerless
Operating Altitude	4000m (≤3000m derating)
Display	LED indicator
Communication	RS485 / PLC
DC Connection Type	MC4
AC Connection Type	OT / DT terminal

RESIDENTIAL HYBRID INVERTER

# HYNV5~12K-G01



## FEATURES



### Safe & Reliable

- Integrated arc fault circuit interrupter (AFCI)
- Natural cooling design with low noise
- Real-time monitoring and precise fault location



### Flexible

- Up to 20A of MPPT current input to support 210mm & bifacial PV modules
- 100 – 800V wide battery voltage range



### User Friendly

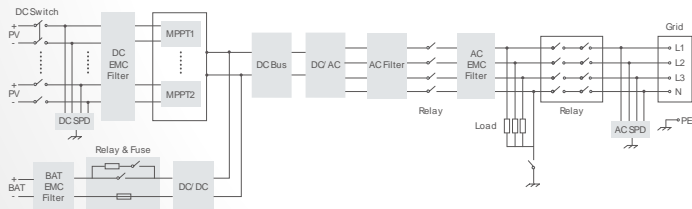
- Plug and play convenient installation
- All-in-one independent status display panel
- Quick and easy inverter commissioning via APP



### Intelligent

- Full house backup by managing both PV production and battery storage and operation
- Seamless transition for on & off-grid operation mode

## TOPOLOGICAL GRAPH



## PARAMETERS

Model	HYNV5K-G01	HYNV6K-G01	HYNV8K-G01	HYNV10K-G01	HYNV12K-G01
<b>PV Input</b>					
Recommended Max. PV power	7.5kW	9kW	12kW	15kW	18kW
Max. PV Input Voltage	1000V				
Operating Voltage Range	140 – 950V		200 – 950V		
Startup Voltage	180V		250V		
Rated Input Voltage	180V		600V		
Number of MPPT Trackers	1/1		2		
Max. Input Number Per MPPT Tracker	1/1		2/1		
Max. Input Current Per MPPT	20/20A		27/20A		
Max. Short-circuit Current	30/30A		40.5/30A		
<b>Battery</b>					
Battery Type	Lithium battery				
Battery Voltage	100 – 800V				
Max. Charge / Discharge Current	30A		37A		
Max. Charge / Discharge Power	5kW	6kW	8kW	10kW	12kW
Communication	CAN / RS485				
<b>AC Output (Grid)</b>					
Rated Output Power	5kW	6kW	8kW	10kW	12kW
Max. Apparent Output Power	5.5kVA	6.6kVA	8.8kVA	11kVA	13.2kVA
Rated Grid Voltage	380V / 400V (3P + N + PE)				
Rated Grid Frequency	50Hz / 60Hz				
Max. Output Current	8.4A	10A	13.3A	16.7A	20A
Power Factor	>0.99 (0.8 leading – 0.8 lagging)				
THDi	<3% (at rated power)				
<b>AC Output (Backup)</b>					
Rated Output Power	5kW	6kW	8kW	10kW	12kW
Max. Apparent Output Power	5.5kVA	6.6kVA	8.8kVA	11kVA	13.2kVA
Back-up Switch Time	4ms				
Rated Output Voltage	380V / 400V (3P + N + PE)				
Rated Frequency	50Hz / 60Hz				
THDv (Linear Load)	<3%				
<b>AC Input (Grid)</b>					
Max. Input Power	10kW	12kW	16kW	20kW	24kW
Rated Input Current	15.2A	18.2A	24.2A	30.3A	36.4A
Rated Input Voltage	380V / 400V (3P + N + PE)				
Rated Input Frequency	50Hz / 60Hz				
<b>Efficiency</b>					
Max. Efficiency	97.3%		98.0%		98.4%
European Efficiency	97.3%		97.6%		97.8%
<b>Protection &amp; Function</b>					
Grid Monitoring	Yes				
AC Short-circuit Protection	Yes				
DC Reverse Polarity Protection	Yes				
DC Overcurrent Protection (Battery)	Yes				
DC Switch (PV)	Yes				
Surge Protection	Yes				
Integrated AFCI	Yes				
<b>General Datas</b>					
Topology (Solar / Battery)	Transformerless / transformerless				
Dimensions (W*H*D)	508*588*203mm				
Weight	20kg		25kg		
Degree of Protection	IP66				
Operating Temperature Range	-25 ~ +60°C				
Operating Humidity Range	0 ~ 100% (non-condensing)				
Max. Operating Altitude	4000m (>3000m derating)				
Noise (Typical)	30dB (A)				
Cooling Method	Natural cooling				
Display	LED, APP Web				
Communication	CAN / RS485				
DC Connection Type	MCI				
AC Connection Type	Plug and play connector				



**CASE STUDY**

**Glass Factory in Turkey**  
DC : 550 kWp/ AC : 500 kW

**AT A GLANCE**

**Challenges**

- Inverter is new to the investment
- Glass Cutting Machines are sensitive and business is sensitive to electricity prices

**Benefits**

- Solar Plant Capacity : 550kWp
- Return on Investment : 4 years
- Solar Inverter : 5 x Hopewind 100kW String Inverters



"For over 10 years, we've been in renewable energy area where we used variety of different brands in PV inverters. Hopewind, with its global and local team in sales, pre-sales and after sales offers us localized and flexible solutions to support our customers."

**PROJECT**

In an era where environmental sustainability is paramount, businesses across the globe are increasingly adopting renewable energy solutions to reduce their carbon footprint and optimize operational efficiency. This case study delves into the remarkable success story of HOPEWIND, a leading solar inverter manufacturer, and its partnership with local distribution partner Insight Energy, a prominent player in the C&I industry. Together, they have spearheaded the installation of a groundbreaking solar power plant that has revolutionized energy consumption and paved the way for a greener future of a Glass Factory in Turkey.

**ACTIONS TAKEN**

**ZERO Export Adaptation to TK Market**

Changing regulations and need for zero feed in to the system requested from customer. Hopewind Local Team find the right solution and act swiftly to manage situation.

**CONTINUOUS SUPPORT**

Internationally expert team both in EU HQ and China HQ monitored together with the local team support to efficiency and quality of the work on site.



**CASE STUDY**

**Automotive Spare Parts Factory in Turkey**  
DC : 334 kWp/ AC : 330 kW

**AT A GLANCE**

**Challenges**

- AC Capacity needs different types of products.
- Automotive industry Machines are sensitive and business is sensitive to electricity prices

**Benefits**

- Solar Plant Capacity : 334kWp
- Return on Investment : 4 years
- Solar Inverter : 3 x Hopewind 100kW String Inverters  
1 x Hopewind 30 kW String Inverter



"For over 10 years, we've been in renewable energy area where we used variety of different brands in PV inverters. Hopewind, with its global and local team in sales, pre-sales and after sales offers us localized and flexible solutions to support our customers."

**PROJECT**

In an era where environmental sustainability is paramount, businesses across the globe are increasingly adopting renewable energy solutions to reduce their carbon footprint and optimize operational efficiency. This case study delves into the remarkable success story of HOPEWIND, a leading solar inverter manufacturer, and its partnership with local distribution partner Insight Energy, a prominent player in the C&I industry. With a shared commitment to sustainability, investor recognized the immense potential of solar power as a means to achieve their energy goals. They sought a reliable and innovative partner to implement a solar power plant, capable of meeting their escalating power demands while adhering to the highest standards of efficiency and reliability. Hopewind, renowned for its cutting-edge solar inverter solutions and a proven track record of delivering transformative renewable energy projects.

**CHALLENGE & SOLUTION**

Having limited capacity on rooftop need maximizing the AC capacity with different types of inverter types to give flexibility and high efficiency in output. Hopewind offers a wide range of solutions in C&I segment for PV.

**CONTINUOUS SUPPORT**

Internationally expert team both in EU HQ and China HQ monitored together with the local team support to efficiency and quality of the work on site.





# THANK YOU

—● Hope for a greener world ●—