Sineng Electric Co., Ltd.



Stock Code: 300827

Global Leading PV Inverter Solutions Provider





Milestones and Achievements



2012

Wuxi Sineng New Energy Co., Ltd. was established



2015

The company changed its name to Sineng Electric Co., Ltd.



2017

Massive overseas marketing and service network



2020

IPO-going public-Shenzhen exchange Stock Code: 300827

2014

Acquired fortune 500 listed Emerson's PV business



2016

Inauguration of Sineng Industrial Park in Wuxi



2018

1st overseas manufacturing base in Bangalore, India



Global Business Network

Covering major PV markets such as China, India, Vietnam, Saudi, South Korea, Brazil, Ukraine, etc.





Global PV Inverter Ranking

The top 10 global PV inverter vendors accounted for 76% of the market, increasing marginally year-over-year Global PV inverter rankings by MW shipped, 2012-2019

Rank	2012		2013		2014		2015		2016		2017		2018		2019	
	Vendor	YOY A	Vendor	YOY A	Vendor	YOY A	Vendor	YOY A	Vendor	YOY A	Vendor	YOY A	Vendor	YOY A	Vendor	YOY
1	SMA	-	SMA	-	SMA	-	Huawei	+2	Huawei	-	Huawei	-	Huawei	-	Huawei	-
2	Power-One	-	Sungrow Power Supply	+1	Sungrow Power Supply	-	Sungrow Power Supply	-	Sungrow Power Supply	-	Sungrow Power Supply	-	Sungrow Power Supply	-	Sungrow Power Supply	-
3	Sungrow Power Supply	+2	ABB (Power- One)	-1	Huawei	+6	SMA	-2	SMA	-	SMA	-	SMA	-	SMA	-
4	Refusol	-	Omron	+14	ABB	-1	ABB	-	ABB	-	ABB*	-	Power Electronics	+3	Power Electronics	-
5	Касо	-2	TMEIC	+11	TBEA Sunoasis	+1	TMEIC	+1	TMEIC	-	Sineng	+1	ABB*	-1	Fimer (ABB)	+14
6	Advanced Energy	+3	TBEA Sunoasis	+19	TMEIC	-1	Sineng	+5	Sineng	-	TBEA SunOasis*	+1	Sineng	-1	Sineng	-
7	Fronius	-	Advanced Energy (Refusol)	-1	Omron	-3	TBEA Sunoasis*	-2	TBEA Sunoasis*	-	Power Electronics	+1	GoodWe	+3	SolarEdge Technologies	+1
8	Schneider Electric	+3	Emerson	+8	Schneider Electric	+2	Schneider Electric	-	Power Electronics	+1	TMEIC	-3	SolarEdge Technologies	+4	Growatt	+9
9	Samil Power	+19	Huawei	+22	Tabuchi Electric	+3	Power Electronics	+3	KStar	+6	Schneider Electric	+1	Ingeteam	+9	TMEIC*	+3
10	SolarMax	-	Schneider Electric	-2	Advanced Energy	-3	SolarEdge Technologies	+10	Schneider Electric	-2	GoodWe*	+10	TBEA Sunoasis*	-4	Ginlong Solis	+1
					F	Percer	ntage of global sh	nipme	nts by top 10 sup	pliers	Source	: Wo	od Mackenzie	e Po	wer & Renewa	ables
	2012		2013		2014		2015		2016		2017		2018		2019	
	66%		55%		66%		72%		78%		77%		75%		76%	

R&D Center



Global Manufacturing Base



Wuxi · China

Annual Capacity, 10GW

Annual Capacity, 10GW

Ningxia · China

Bangalore - India Increased to Annual Capacity, 10GW Before August 2021



Global supply chain partners

- Long term strategic cooperation relationships with Top multinational and Chinese-Multi electronics manufacturer
- ✓ Intelligent sourcing-Performance are continuously re-evaluated to improve for the greatest efficiency





Major Customers and Partners (China)



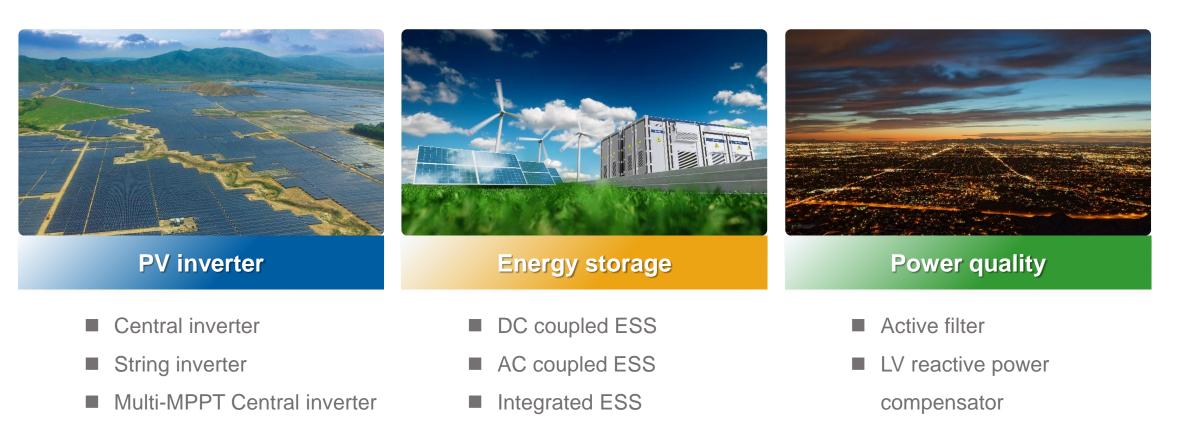


Major Customers and Partners (International)





Main Business Scope



- 3-phase unbalanced
 - compensator



Full Series Inverter Solution



- Single inverter 2.5MW -3.4MW, integrated solution, the lowest price /Wp
- High load ratio and over load capacitylower electricity price
- Suitable for designing large blockoptimum LCOE



String

- 3kW-20kW residential
- 40kW-120kW C&I roof
- 136kW~320kW, large block design
- Multi-channel MPPT to increase power generation
- Maximizing generation in complex terrain scenarios



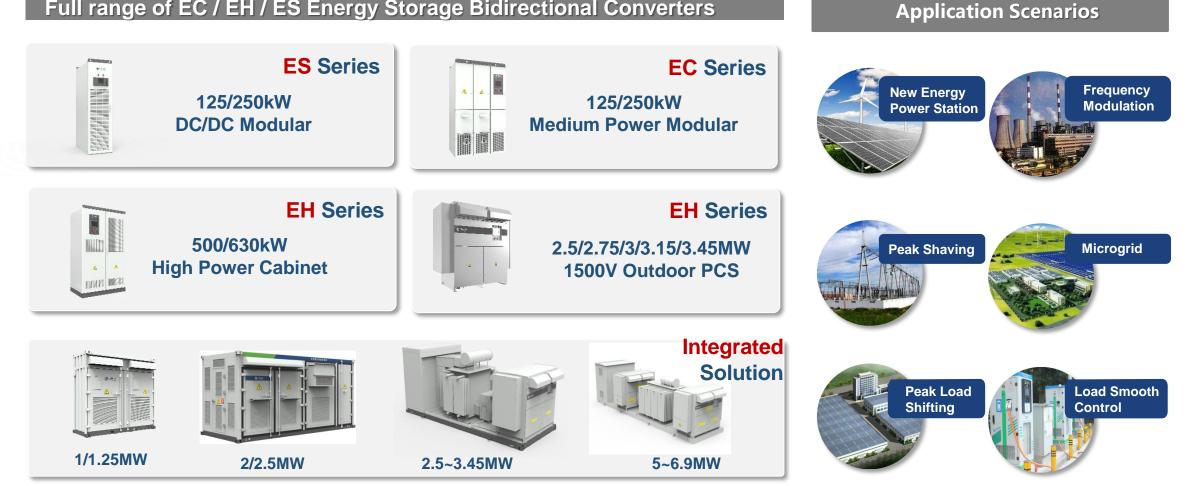
Multi-MPPT Central

- Single machine 3150kW+, integrated design
- Multi-channel MPPT, less equipment, high power generation
- High load ratio reduce the cost of electricity



Energy Storage PCS Solution Overview

Full range of EC / EH / ES Energy Storage Bidirectional Converters





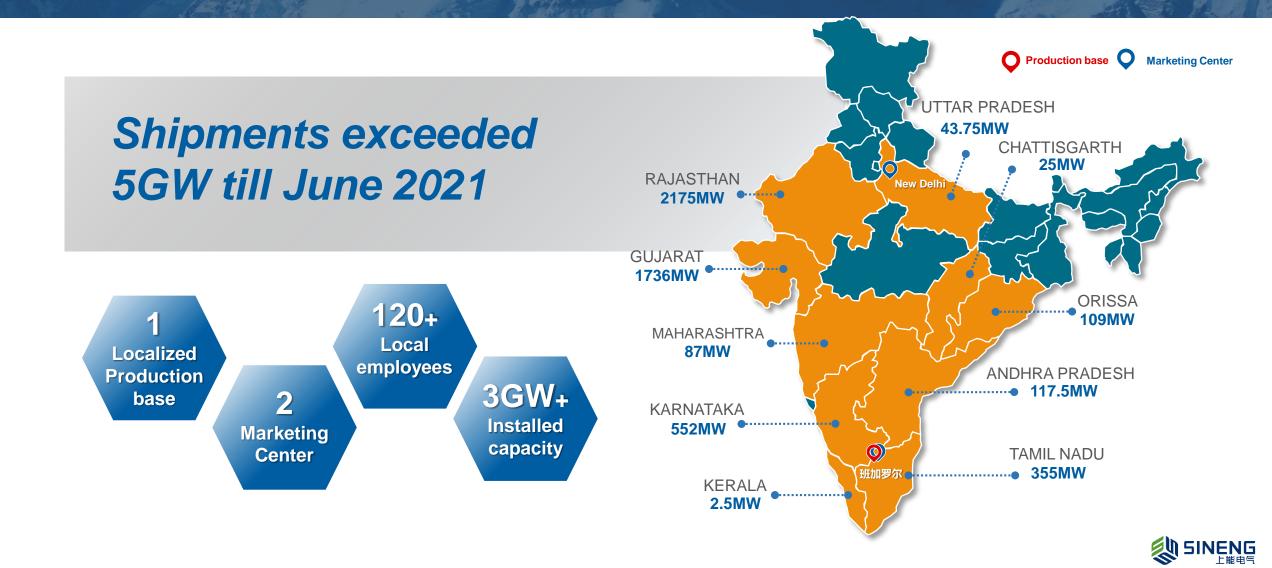
Energy Storage PCS Solution Overview

Full range of EH / ES Energy Storage Bidirectional Converters





Rapid Growth and High Demand in India

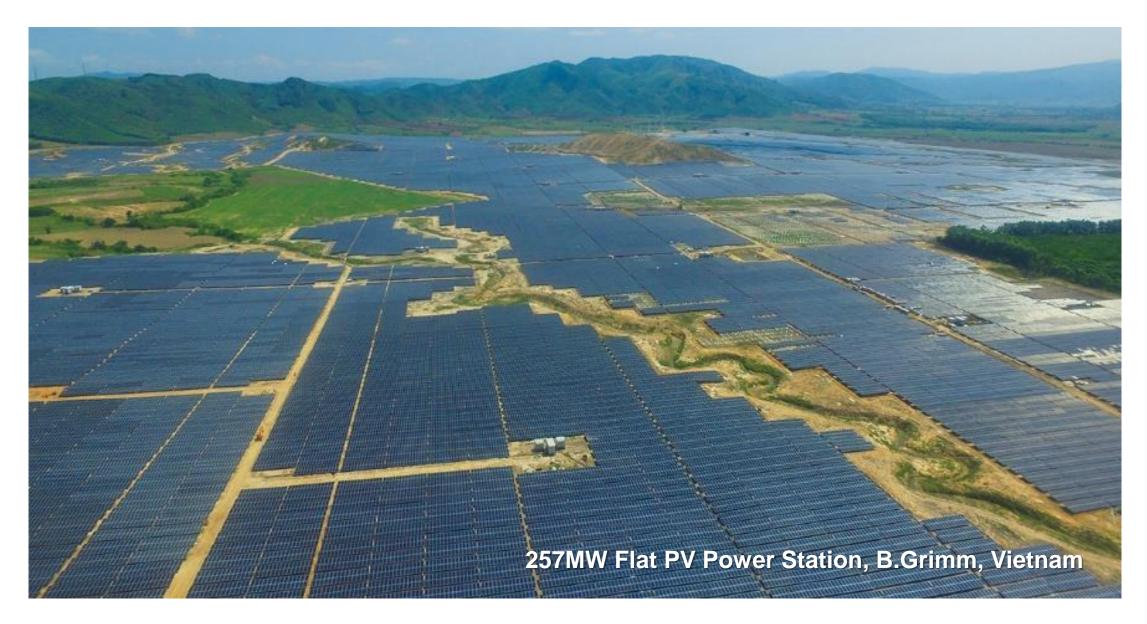


Vietnam's Installed Capacity Exceeded 1700MWp



SINENG 上能电气

Utility PV Plant-Flat





Utility PV Plant-Hilly





Utility PV Plant-Various Application: High temperature, Humidity





Utility PV Plant- High Humidity





Utility PV Plant-High Temperature





Utility PV Plant-Sandy





C&I Applications



C&I PV project, Zhejiang, China





C&I PV project, Korea



C&I PV project, Malaysia



ESS Applications







Industrial Park 60MW / 240MWh ESS project, China





Endless Energy for Limitless Green

| Thanks

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