

# Solar & Energy Storage Global Application Reference

- **60** overseas countries in the sales network
- **300** distributors all over the world

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On-grid Inverter Application

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# On-grid Inverter Application

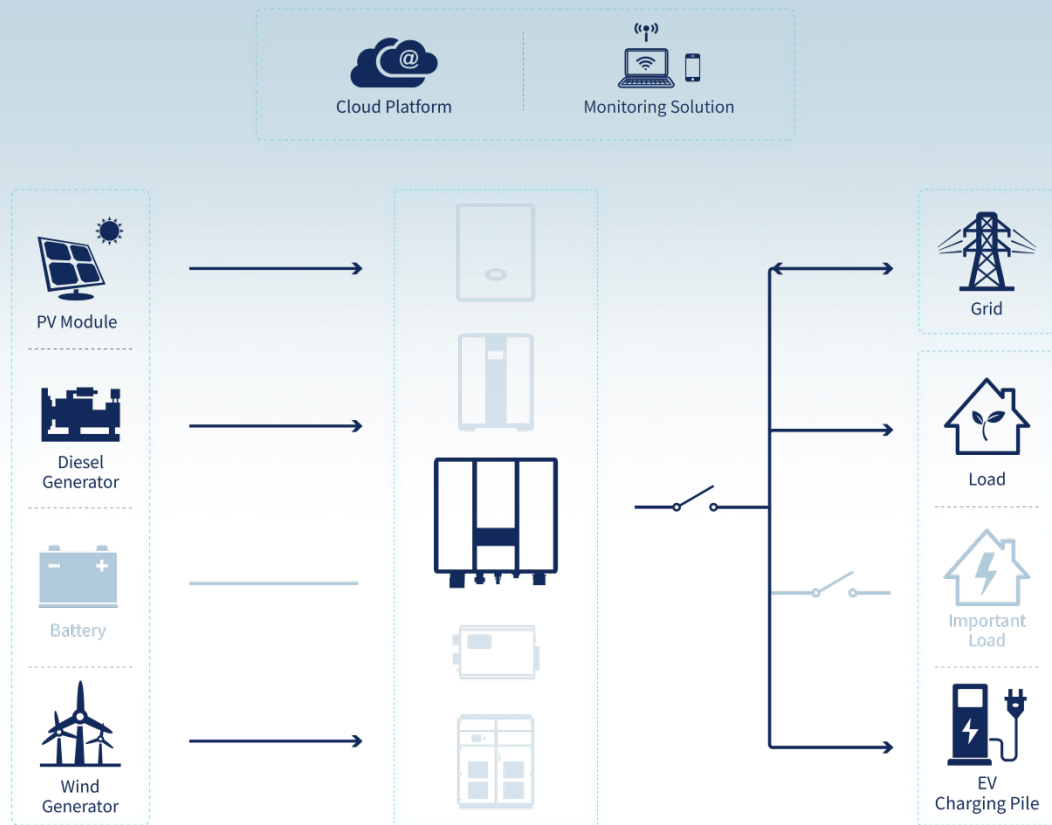
**01. Residential Power Station**

**02. Commercial PV Plant**

**03. Others**



# 1.1 Residential Power Station



## Solutions:

1. Residential power station
2. On-grid + diesel engine
3. On-grid + hybrid

# Australia 5KW Residential Power Station



**invt**



**Date:** Sep. 2017

**Capacity:** 5KW

**Model:** BG5KTR

**Location:** Australia



# Australia 5KW Residential Power Station



**inv**t



**Date:** Aug. 2017

**Capacity:** 5KW

**Model:** MG5KTL

**Location:** Melbourne, Australia



# 4KW Residential Power Station



**invt**



**Date:** Nov. 2012

**Capacity:** 4KW

**Model:** MG4KTL

**Location:** Belgium





# 6KW Residential Power Station



**invt**



**Date:** Aug. 2015

**Capacity:** 6KW

**Model:** BG6KTR

**Location:** Zhejiang, China





# 3KW Residential Power Station



invt

**Date:** July. 2015

**Capacity:** 3KW

**Model:** MG3KTL-2M

**Location:** Shanghai, China



# 15KW Residential Power Station



invt



**Date:** Mar. 2016

**Capacity:** 15KW

**Model:** BG5KTR

**Location:** Shaoyang, China





# 3KW Residential Power Station



invtr

**Date:** 2016

**Capacity:** 3KW

**Model:** MG3KTL

**Location:** Chengde, China





6KW



2KW

# 8KW Residential Power Station



**invt**



**Date:** Aug. 2016

**Capacity:** 8KW

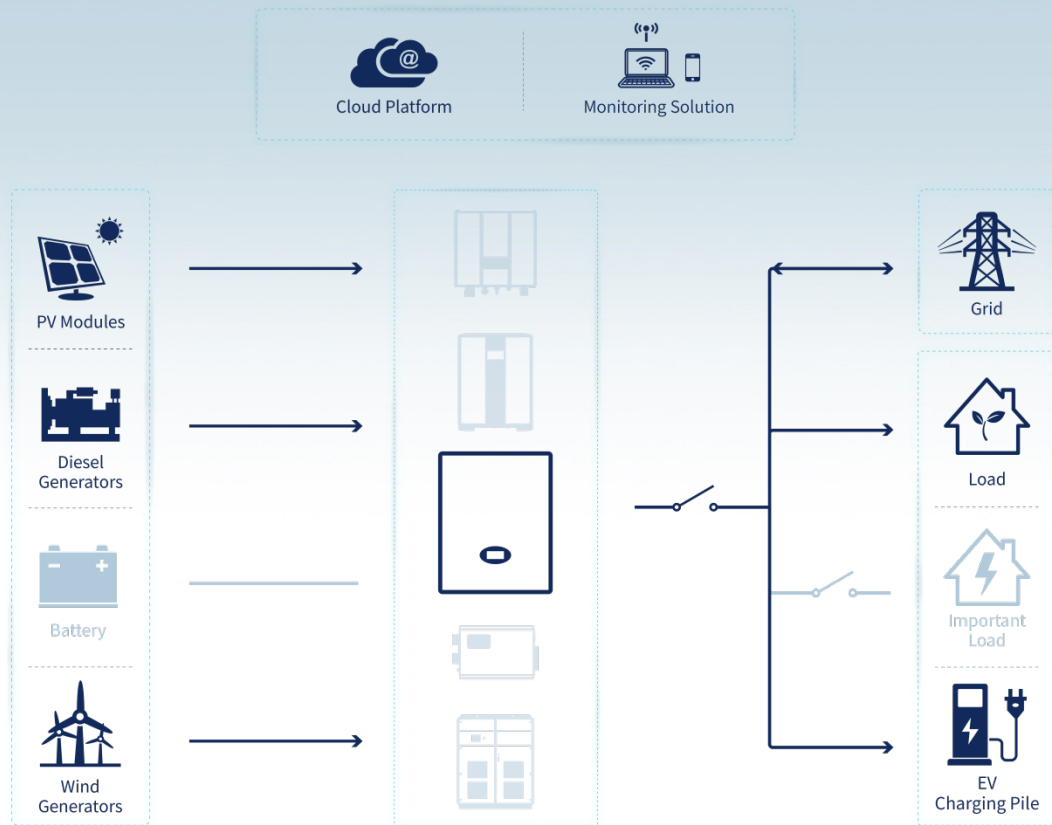
**Model:** BG8KTR

**Location:** Mahartotra, India





## 1.2 Commercial PV Plant



### Solutions:

1. Ground PV plant
2. Water surface PV plant
3. Industrial and commercial roof PV plant
4. Hill PV plant
5. Intelligent power control
6. Hybrid system
7. On-grid + fan



# 2.5MW Commercial PV Plant



**inv**t



**Date:** Mar. 2016

**Capacity:** 2.5MW

**Model:** BG15KTR/BG20KTR/  
BG30KTR

**Location:** Wenzhou, China

## 2.1MW Commercial PV Plant



**invt**



**Date:** Dec. 2016

**Capacity:** 2.1MW

**Model:** BG33KTR

**Location:** Yongkang, China



## 1.2MW Commercial PV Plant



invt



**Date:** July, 2016

**Capacity:** 1.2MW

**Model:** BG33KTR

**Location:** Hunan, China





## 1.89MW Commercial PV Plant



invtr



**Date:** 2017

**Capacity:** 1.89MW

**Model:** BG33KTR

**Location:** Xiangyang, China



# 2.5MW Commercial PV Plant



invt



**Date:** Oct. 2016

**Capacity:** 2.5MW

**Model:** BG35KTR

**Location:** Deyuan, China



# 1.1MW Commercial PV Plant



**invt**



**Date:** 2014

**Capacity:** 1.1MW

**Model:** BG30KTR

**Location:** Rudong, China

## 2.5MW Utility PV Plant



invt



**Date:** Mar. 2018

**Capacity:** 2.5MW

**Model:** BG50KTR

**Location:** Moqi, China



## 1.2MW Utility PV Plant



**inv**t



**Date:** 2015

**Capacity:** 1.2MW

**Model:** BG33KTR

**Location:** Shanxi, China





# 3.96MW Utility PV Plant



invt



**Date:** Dec. 2016

**Capacity:** 3.96MW

**Model:** BG33KTR

**Location:** Dongguan, China

# 33.7MW Utility PV Plant



**inv**t



**Date:** Sep. 2016

**Capacity:** 33.7MW

**Model:** MG5KTL/BG30KTR

**Location:** Lankao, China





## 2.6MW Utility PV Plant



invt



**Date:** July. 2017

**Capacity:** 2.6MW

**Model:** BG35KTR

**Location:** Chengde, China

# 13.8MW Utility PV Plant



invt

**Date:** June. 2017

**Capacity:** 13.8MW

**Model:** BG33KTR

**Location:** Laiyuan, China







# 10MW Ground PV Plant



**inv**t



**Date:** Aug. 2015

**Capacity:** 10MW

**Model:** BG33KTR

**Location:** Shandong, China



# 600KW Commercial PV Plant



invvt



**Date:** 2014

**Capacity:** 600KW

**Model:** BG30KTR

**Location:** Germany

# 300KW Commercial PV Plant



invt



**Date:** July. 2017

**Capacity:** 300KW

**Model:** BG30KTR

**Location:** Melbourne, Australia





# 225KW Commercial PV Plant



**inv**t



**Date:** July. 2017

**Capacity:** 225KW

**Model:** BG30KTR/BG15KTR

**Location:** Hungary



# 180KW Commercial PV Plant



invvt



**Date:** 2015

**Capacity:** 180KW

**Model:** BG30KTR

**Location:** Denmark



# 1MW Commercial PV Plant



**invt**



**Date:** July. 2018

**Capacity:** 1MW

**Model:** BG25KTR

**Location:** Hebron, Palestine







# 60KW Commercial PV Plant



invvt

**Date:** 2016

**Capacity:** 60KW

**Model:** BG30KTR

**Location:** Netherlands





# 60MW Ground PV Plant



**invt**

**Date:** July. 2014

**Capacity:** 60MW

**Model:** BG30KTR

**Location:** Xinjiang, China







# 6MW Ground PV Plant



invt



**Date:** Mar. 2018

**Capacity:** 6MW

**Model:** BG30KTR

**Location:** Australia





## 2.3MW Ground PV Plant



**invt**



**Date:** Dec. 2016

**Capacity:** 2.3MW

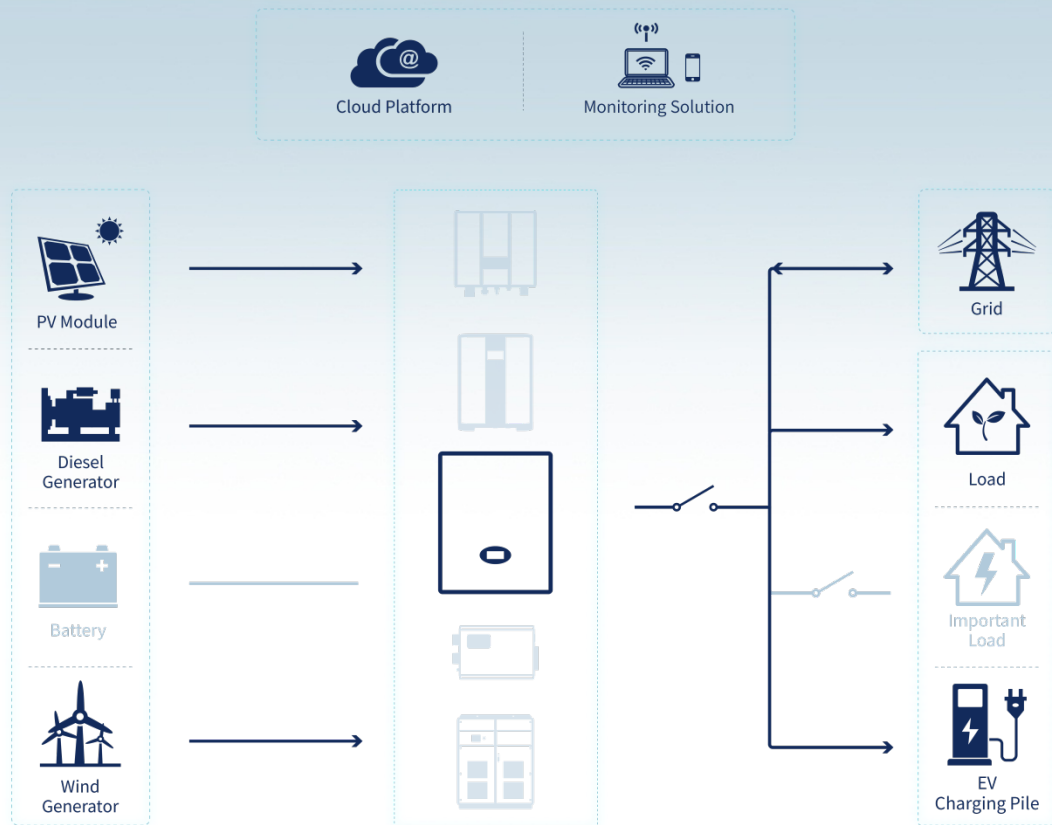
**Model:** BG30KTR

**Location:** Australia





## 1.3 Others



### Solutions:

1. Battery discharge device
2. Aging of switching power supply



# Parking Shed

**invt**



**2012 Dongguan 5KW**



**2015 Australia 420KW**





# Water Surface PV Plant



invvt

**Date:** July. 2016

**Capacity:** 96KW

**Model:** BG30KTR

**Location:** Tailand





# Water Surface PV Plant



**inv**t



**Date:** Dec. 2017

**Capacity:** 3.2MW

**Model:** BG50KTR

**Location:** Chizhou, China



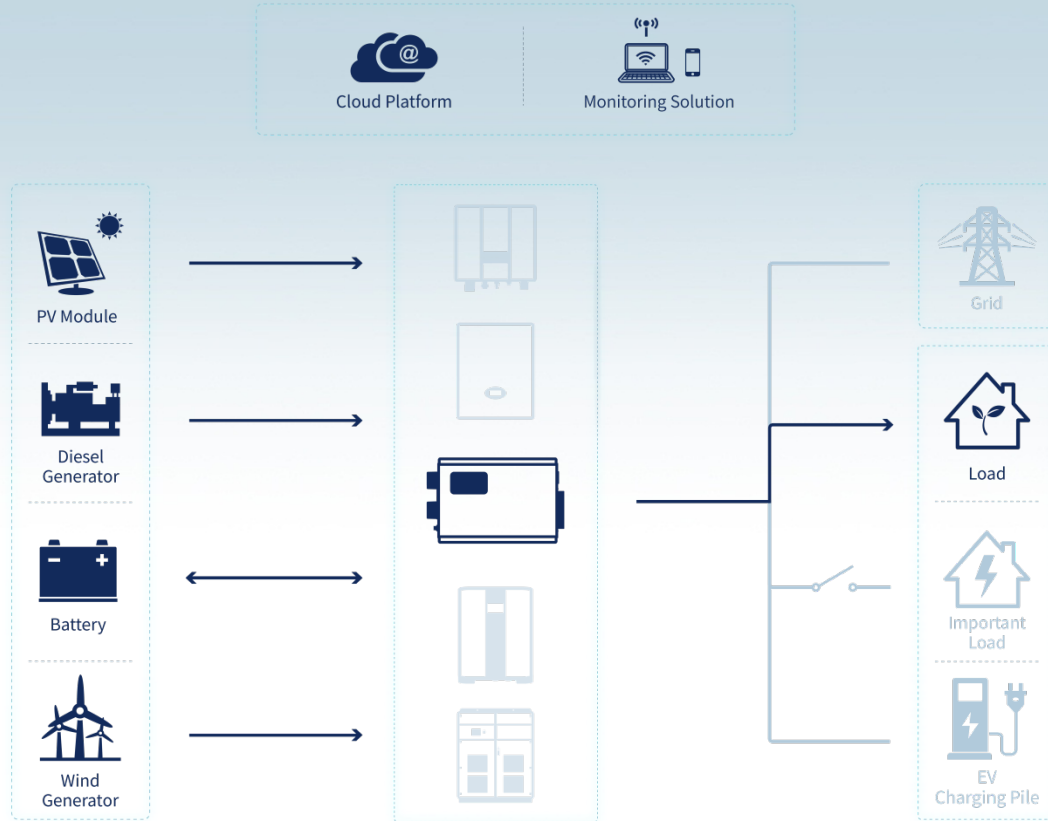


## Off-grid Inverter Application





# Off-grid Inverter Application



## Solutions:

1. With various loads
2. With isolated load
3. Island and ship off-grid applications
4. Mains/photovoltaic complementary system
5. Diesel engine + off-grid
6. Wind power complementary system
7. Photovoltaic off-grid power sales system
8. Portable power supply
9. Photovoltaic UPS

# 6KW Off-grid Inverter Application



invvt



**Date:** May. 2018

**Capacity:** 6KW

**Model:** BN6048C

**Location:** Nigeria

# 3KW Off-grid Inverter Application



**inv**t



**Date:** Dec. 2017

**Capacity:** 3KW

**Model:** BN3024C

**Location:** Xinjiang, China





# 10KW Off-grid Inverter Application



invvt

**Date:** July. 2018

**Capacity:** 10KW

**Model:** BN5048C

**Location:** Hebei, China





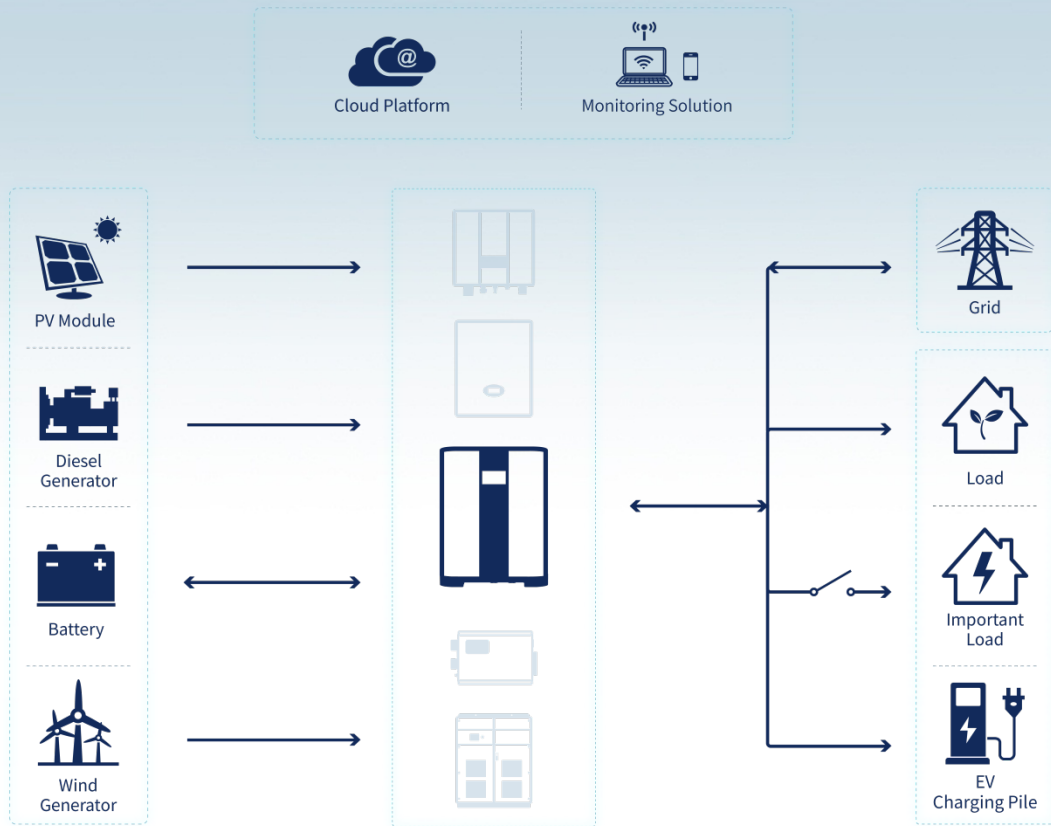
# Solar Energy Storage Application

**01. Residential Hybrid Inverter Application**

**02. Commercial Energy Storage Application**



# Residential Hybrid Inverter Application



## Solutions:

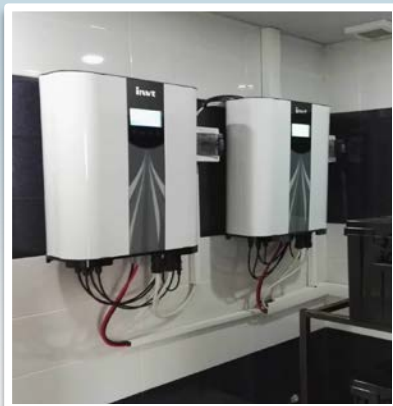
1. Solar storage system
2. Wind storage system
3. Applications of purchase and sale of electricity



# Armenia BD5KW Hybrid Application



invt



**Date:** 2018

**Capacity:** 10KW

**Model:** BD5KTL

**Location:** Armenia





# BD5KW Hybrid Application

**invt**



**Henan, China**

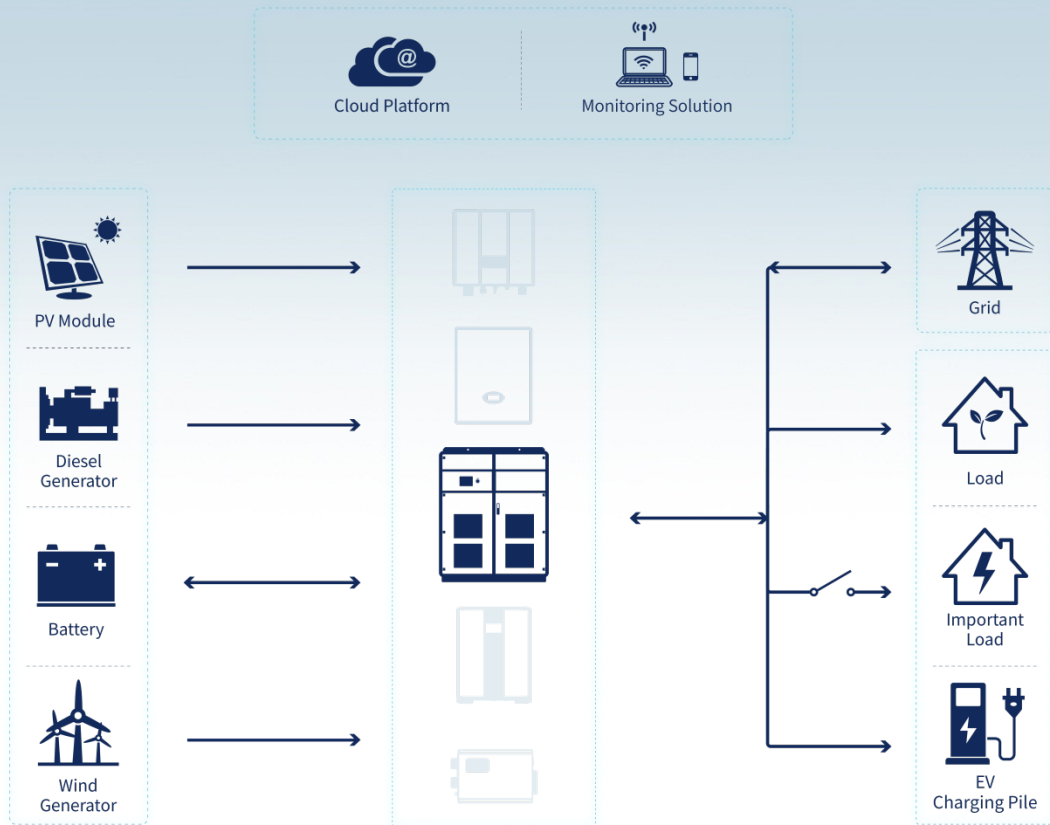


**Shenzhen, China**





# Commercial Hybrid Inverter Application



## Solutions:

1. Wind Storage System
2. All-in-one Hybrid Inverter
3. Battery Aging Source
4. ATE Test Equipment Power
5. User Side Expansion
6. Smart Micro-grid
7. PCS (Large Off-grid)





# Guizhou 100KW Project



**inv**t



## **Energy storage capacity and configuration:**

100kW PCS+100kW Solar Controller

+864kWh Battery

**Location:** Guizhou, China

**Installation:** Indoor installation

**Application:** Solar Storage and Off-grid  
System



# Harbin Solar-Storage-Charge 100KW Project



**inv**t



**Energy storage capacity and configuration:**

200kW PCS+180kW Solar Inverter+1.5MWh

Battery

**Location:** Harbin, China

**Installation:** Indoor installation

**Application:** Solar-Storage-Charge System



# Sudan 800KW Project



**inv**t



**Energy storage capacity and configuration:**

8\*100kW PCS+8\*100kWh Battery

**Location:** Sudan

**Installation:** Indoor installation

**Application:** Backup power



# Huizhou 250KW/1MWH Micro-grid Project



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**Energy storage capacity and configuration:**

250kW PCS+1MWh Battery

**Location:** Huizhou, China

**Installation:** Outdoor container

**Application:** Peak clipping, backup power supply

# Thailand 300KW Micro-grid Project



invt



## **Energy storage capacity and configuration:**

3\*100kW PCS+3\*300kWh Battery+3\*100kW

Solar Controller+3\*50kW

**Location:** Chiang Rai, Thailand

**Installation:** Indoor installation

**Application:** Solar storage Micro-grid, diesel engine back

# Commercial Energy Storage Applications



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500kW/300KWh

Distributed Energy Storage System

500kW/1MWh

Distributed Energy Storage System





# Commercial Energy Storage Applications



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375kW/1.2MWh Distributed Energy Storage System

1MW/3.6kWh Distributed Energy Storage System



# Commercial Energy Storage Applications



invt



Jiangsu 500kW/1.8MWh  
Distributed Energy Storage System

Dongguan 500kW/1.5MWh  
Distributed Energy Storage System



# AC EV Charging Pile



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**Date:** 2018

**Capacity:** 21KW

**Model:** 7KW

**Location:** Shenzhen, China





# DC EV Charging Pile Station



invt

**Date:** 2018

**Capacity:** 9.45MW

**Model:** 120KW/150KW

**Location:** Dongguan, China



# DC EV Charging Pile Station



invt



**Date:** 2018

**Capacity:** 960KW

**Model:** 120KW

**Location:** Anhui, China



# DC EV Charging Pile Station



invtr



**Date:** 2018

**Capacity:** 1.2MW

**Model:** 120KW/150KW

**Location:** Shenzhen, China





# DC EV Charging Pile Station



invt

**Date:** 2018

**Capacity:** 1.44MW

**Model:** 120KW

**Location:** Hunan, China



# DC EV Charging Pile Station



invt

**Date:** 2018

**Capacity:** 1.44MW

**Model:** 120KW

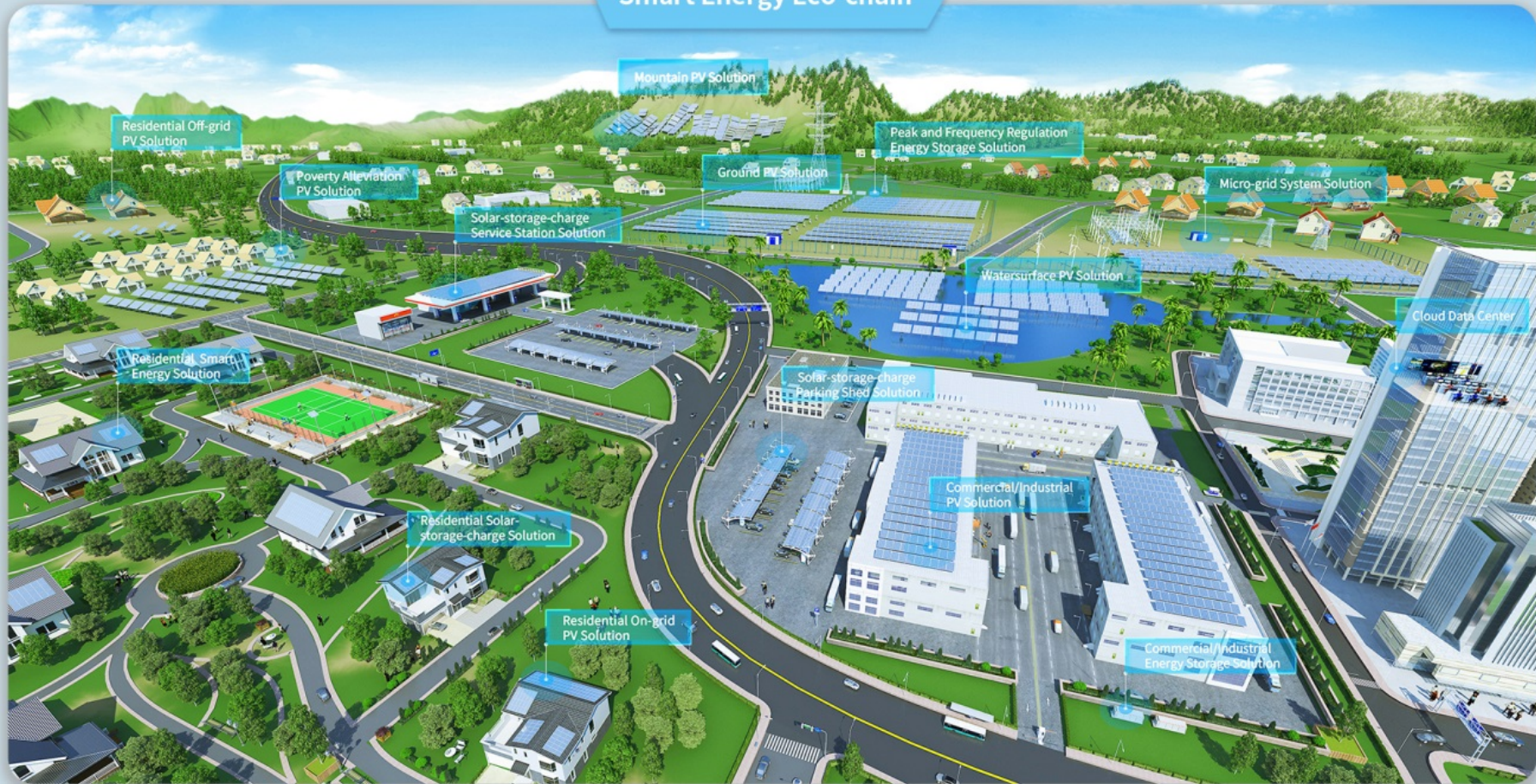
**Location:** Shenzhen, China







## Smart Energy Eco-chain







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