



禾望电气  
Hopewind

603063





禾望电气  
HOPEWIND

.....

01

5kW 3.125MW 750kW 30MW 2.5MW 3.125MW



02

130kW 3.45MW EMS 1MW 6.9MW



03

500kW 20MW IGBT



04

1Mvar 140Mvar SVG



05

0.75kW 22400kW 4MVA 102MVA

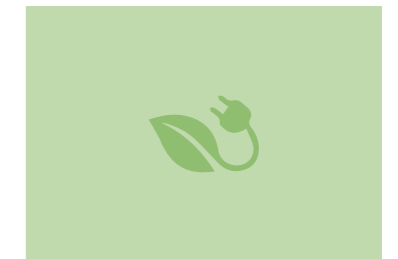
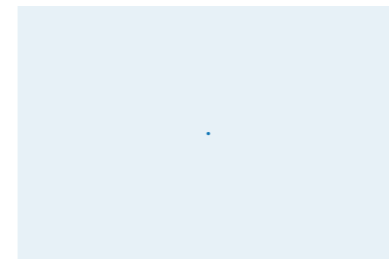


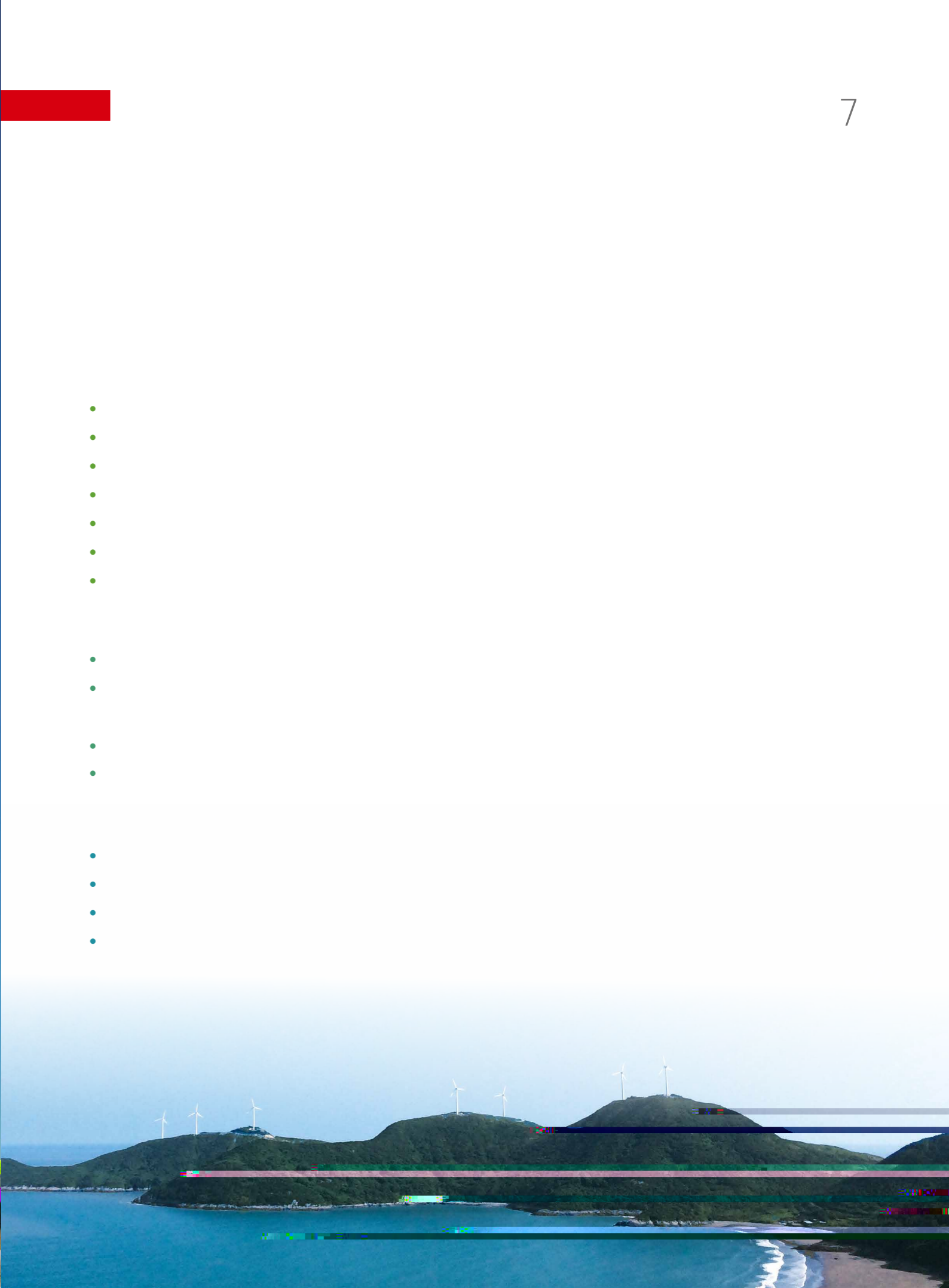
603063



6

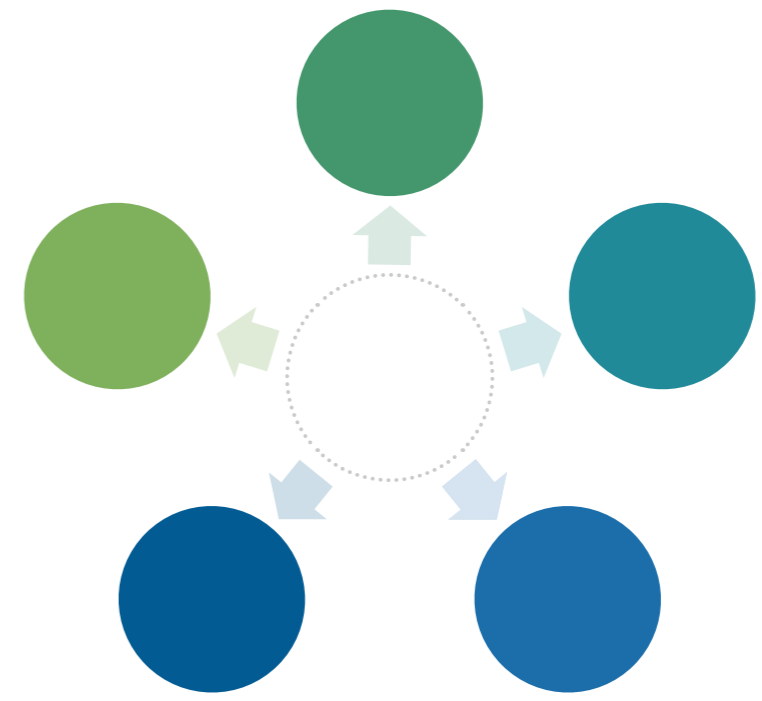
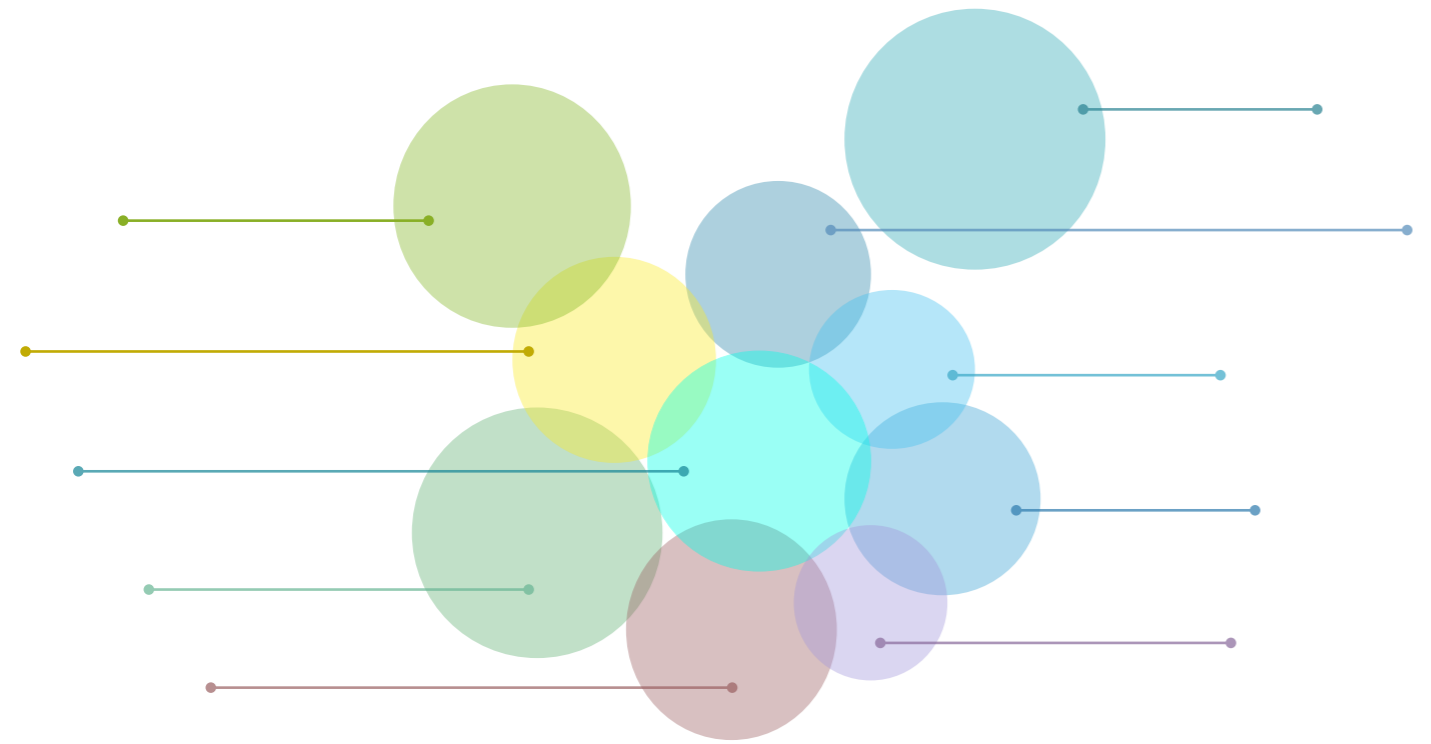
30







- 10
- 800
- 200



—HPPM  
 —hopeView hopeFarm

- 
- 
- 
-





2023.3

HR

1  
2  
3

1.5MW



2023.7

4.0MW

4.0MW

A



2023.11

3.0MW

3MW

3.0MW



1.3

0.6



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- 
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2024.4

1.5MW A



PM3000

2023.12



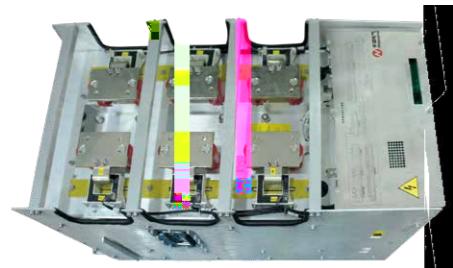
HW30

7hgj j20088.00



HR3000W

HR3000W



HW3000

HW3000

t

Crowbar

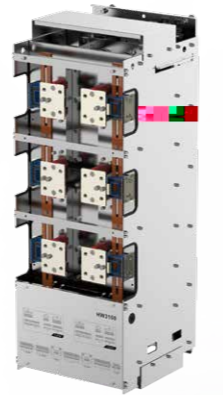
HW3000X

Crowbar

HW3100



PM3100



HW3100

IGBT

IGBT IGBT

PUCM

±15V 28346

PLC

PM3100

1000A

IGBT

2019.9

PM3100

HW3100

PM3100

PM

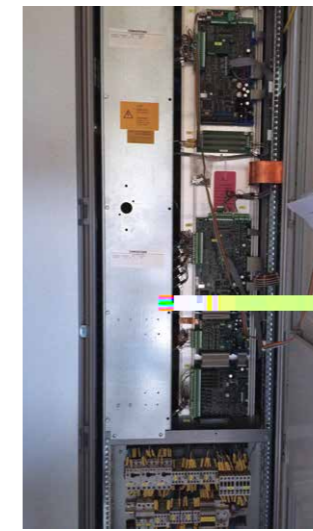


K

Crowbar

+Chopper

Chopper



K



GB\_T 19963.1-2021



2023.4

K

Crowbar

chopper



K



K

160A

K



K

0 40

0

UPS

UPS

UPS

UPS

4 7

10

UPS

UPS

- 
- 
- 
- 
- 

+1S2

+1S3

+1S2

+1S3

S

A

K



- 
- 



2016.3

UPS



UPS

20

2020.5

K



2020.4

UPS



K



UPS



KK

IGBT

KK

2024.7

1

2

IGBT 125  
IGBT 150 IGBT

K

3

4

1.0W/m.K

4.5W/m.K

2

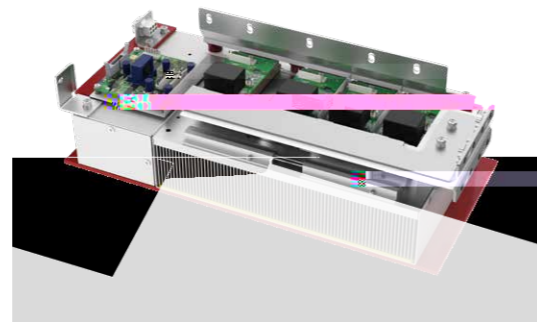
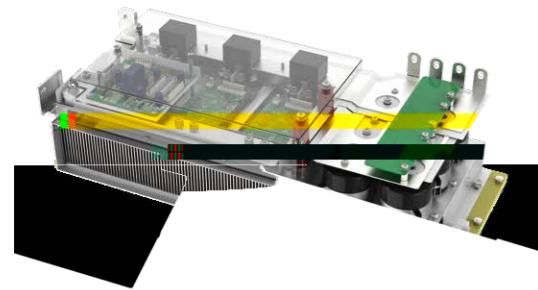
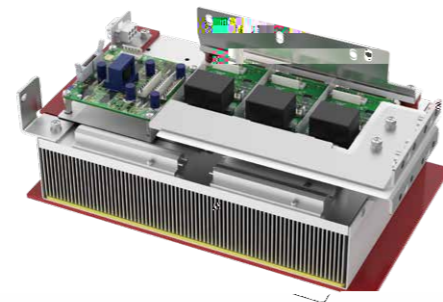
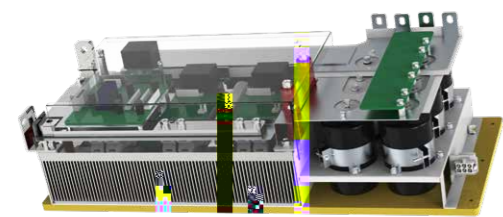
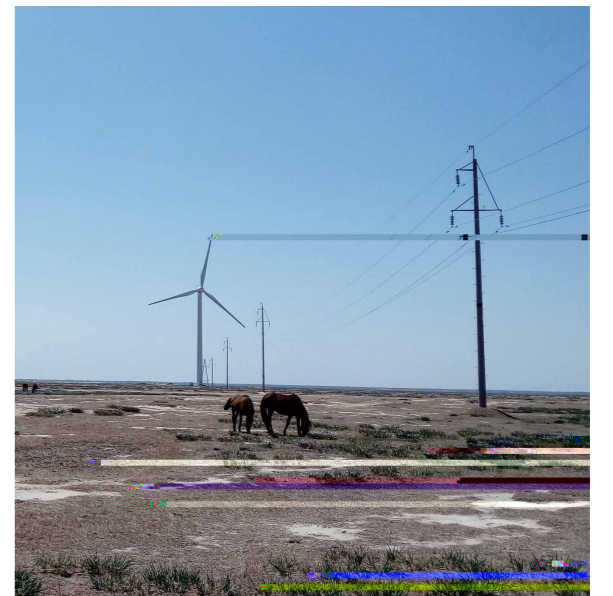
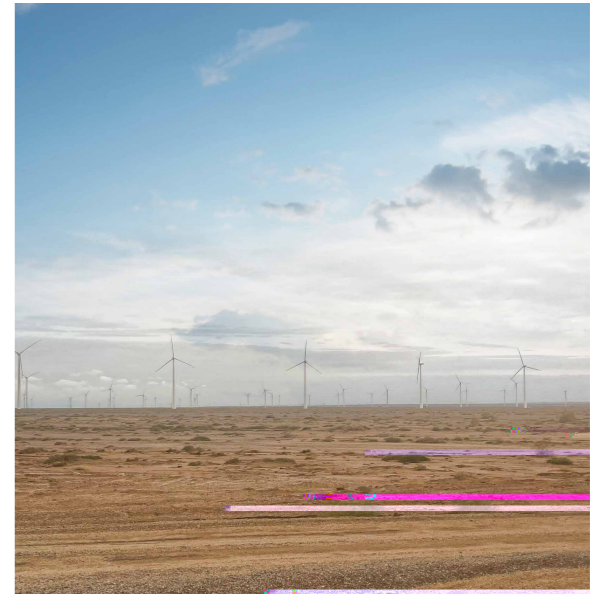
Chopper

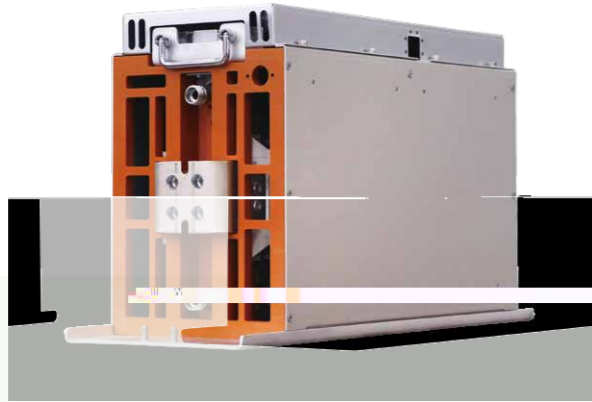
IGBT

2022.5

K

10





IGBT

(Tjmax: 175°C)

50kg





- 
- 
- IGBT
- Tjmax 175
- 

2022.8

F



2024.9



	HWPMA1K5-Frq
	6800uF
	1050V
	800A
* * *	*260*695mm
	48kg

A 1.5MW

• IGBT

A

IGBT

A  
IGBT

IGBT  
IGBT

IGBT

IGBT

A

IGBT



- 
- 
- 
- 



2019.12

A

Chopper



A

IGBT

A

+

IGBT

A



- 
- 

- 
- 



2022.12

Crowbar

IGBT

IGBT

IGBT

A

+



A

A 2.0MW

- (1)
- (2) Chopper
- (3) A



2023.6

A

Chopper



A ACS880



- 
- 
- 
- 
- 
- HWACS880
- 



	9*1100uF/1100V	12*780uF/1100V	
IGBT	U V W 500A/1700V*3	U V W 600A/1700V*3	IGBT
	20~40L/min		
* *	880*598*214mm		
	89kg	94kg	

# S



1.25MW 1.5MW 2.0MW

- 1.25MW +
- 1.5MW + chopper
- 2.0MW +

1.25MW 1.5MW



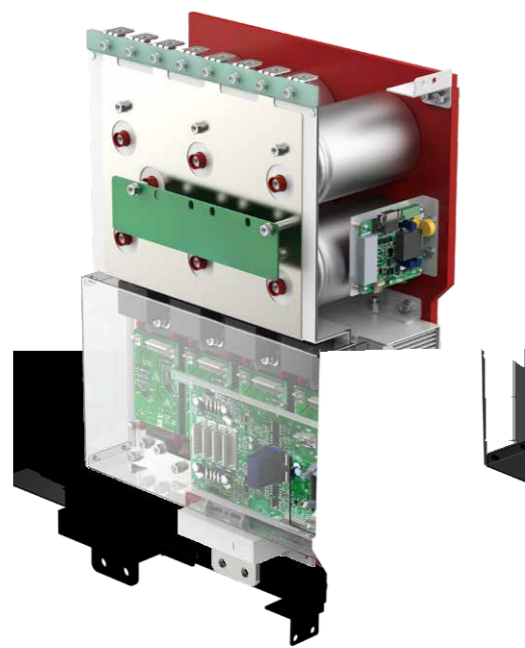
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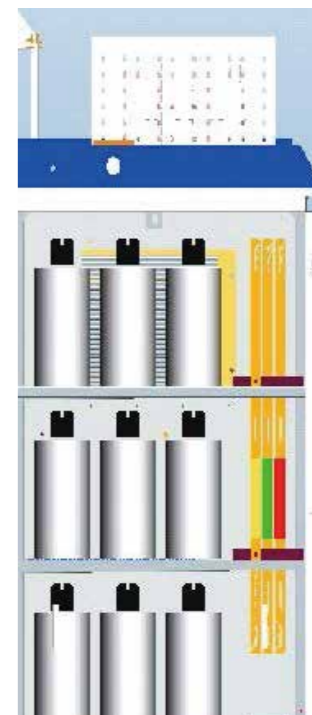
2MW

450KVar

0



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- 
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17kW·h



PLC

20%



2020.8

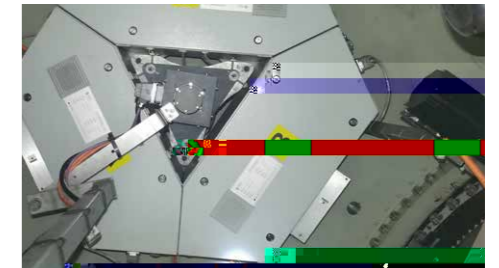
900kW

EWT

PCB



PCB

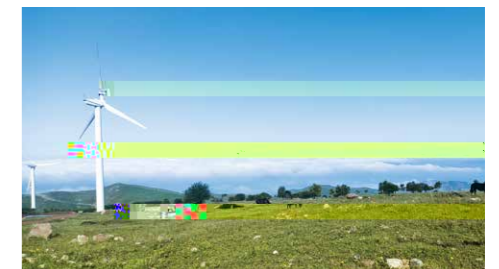


PMD100

IP

2020.5

LUST SSB



PLC

485



2020.5

LUST

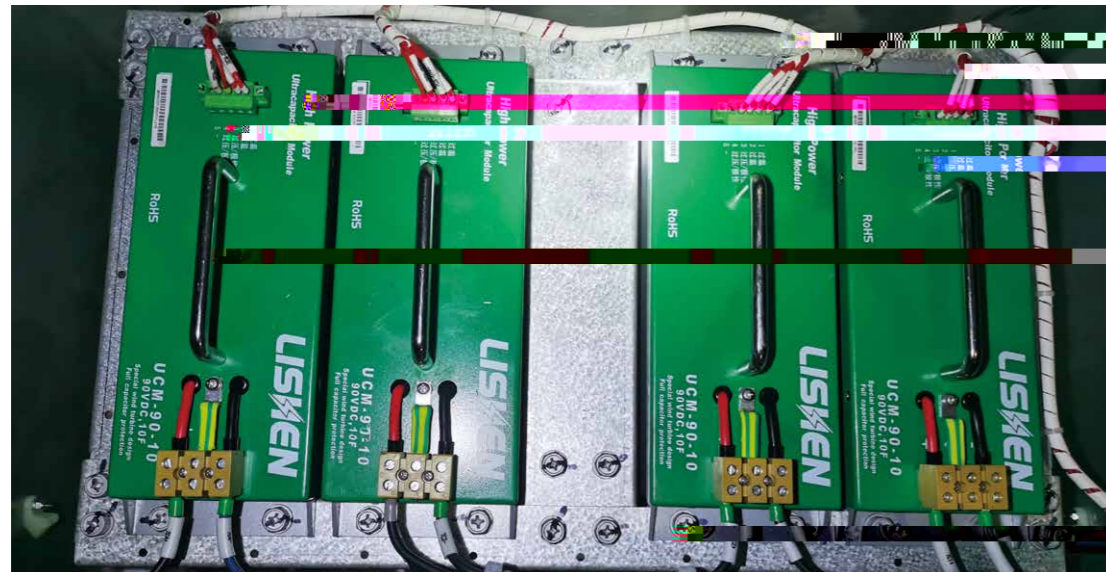
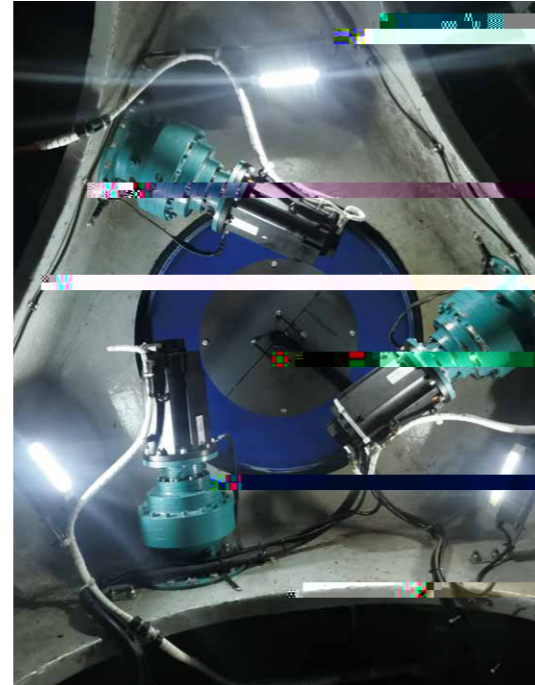
LUST

PMD100

PLC

LUST

PLC



2-3

-40 60

PLC

8

2019.8

3

2



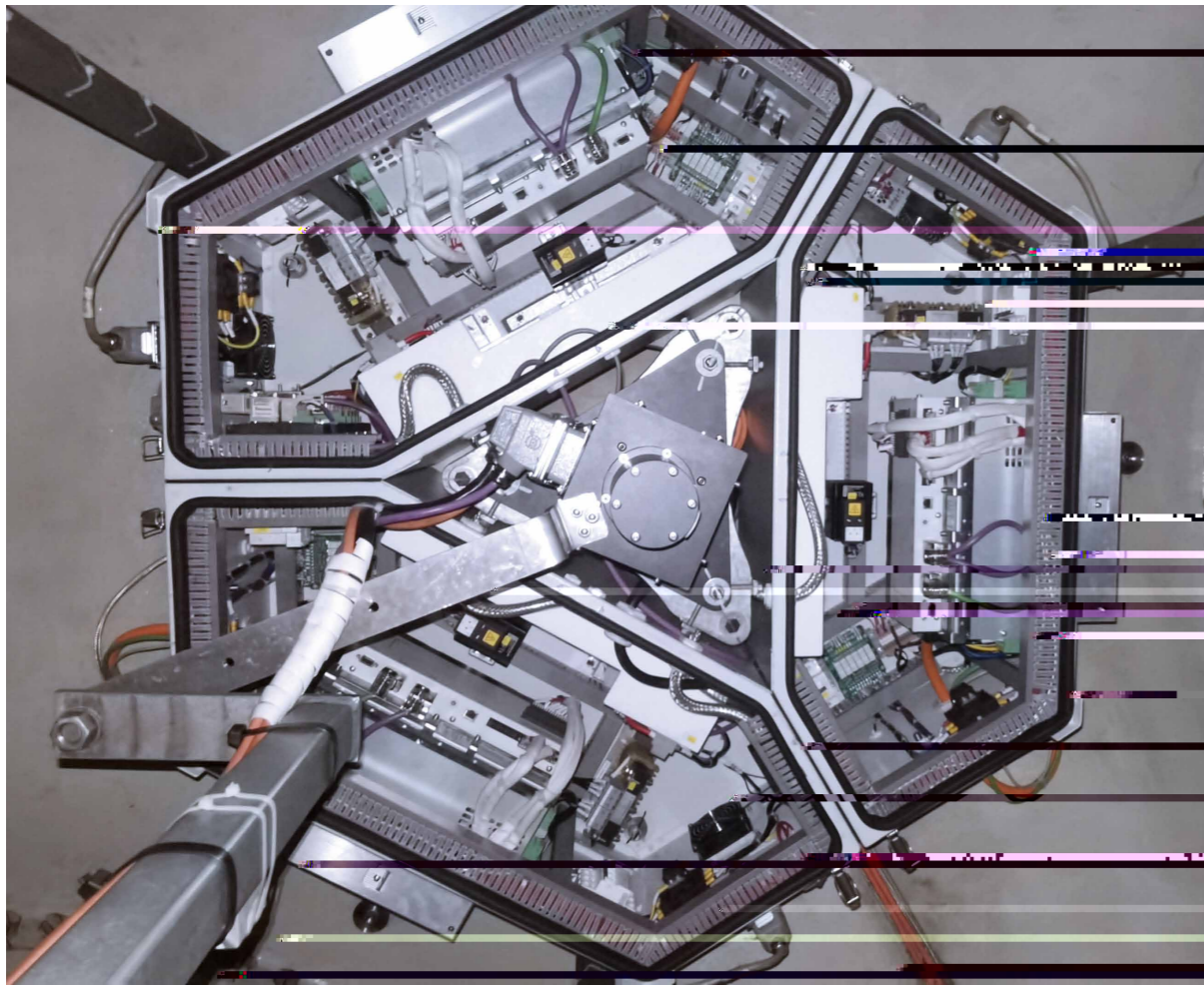
2019.8

PLC L&B S

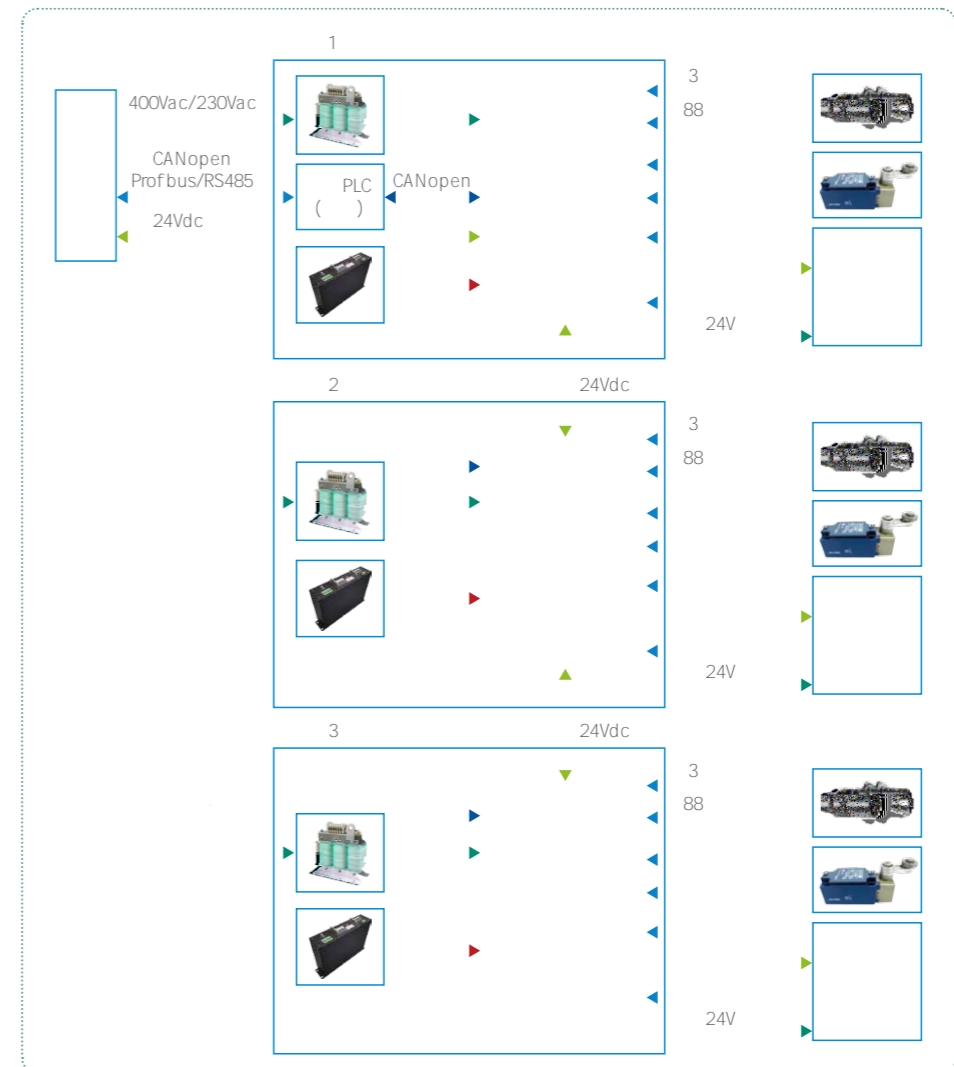
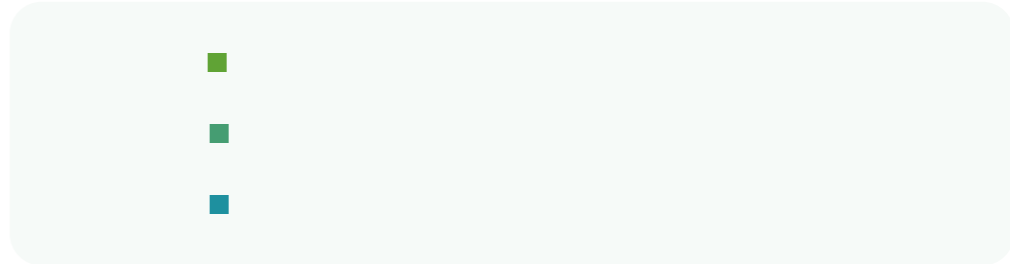
PLC L&B S PLC

PLC

PLC



# PMC



# PMD100



	A	A	kW
PMD100-50			22

- 1. PMD100 30%
- 2. PLC
- 3. -30 ~ +65
- 4. +

# PMC



- 300
- 10

- 10 16
- 24 +

- 10
- 
- 

- 600 60
- 1200+
- 

- 1.
- 2.
- 3.
- 4.

HV350



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2018.9

HV300



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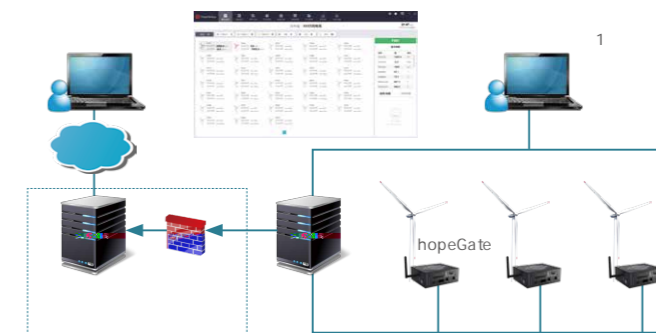
NTP

hopeView

hopeView

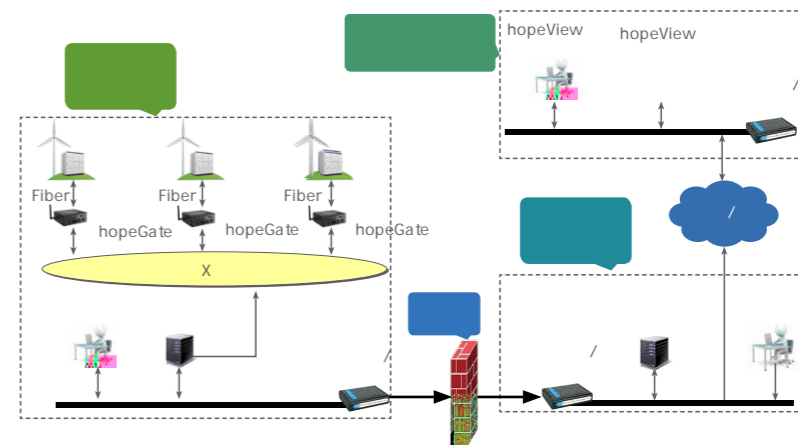
hopeGate

hopeGate



hopeView

VPN



GPS

GPS

2019.6

hopeView

hopeGate

hopeView

hopeView

100



- AGC AVC
- AGC
- AVC SVG
- SCADA

- AGC AVC

- hopePower
- hopePower AGC AVC
- hopePower PT CT 20ms

- hopePower AGC AVC
- hopePower SVG/SVC
- hopePower

- hopePower AGC AVC
- / / AGC / / / / SVG /
- / /

- hopePower
- hopePower
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2018.11





1 ■

2 ■

3 ■

SVG

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- 
- 32 DSP
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2022.9

50MW

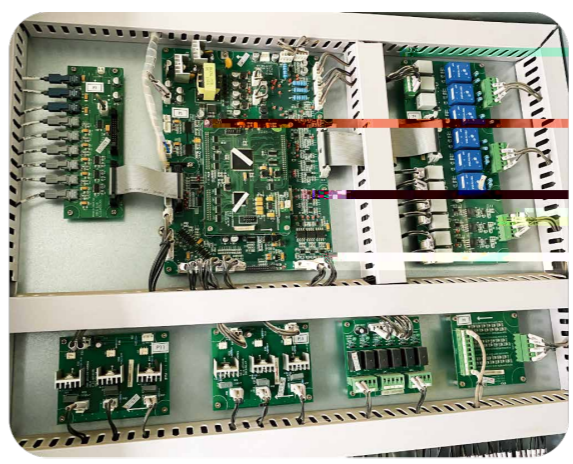
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HPSP0500

HPSP0500



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# 风禾尽起 志望千里



400-8828-705  
+86-755-86026786  
[www.hopewind.com](http://www.hopewind.com)