

储能产品手册

Energy Storage Product Manual

级联型高压大容量储能技术的倡导者和引领者





Initiator and Pioneer of Cascaded High-voltage Large-capacity Energy Storage Technology



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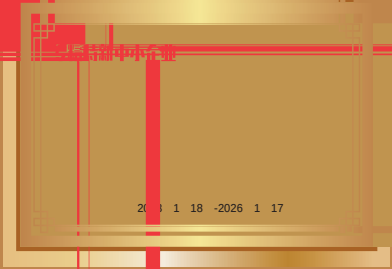
PCS BMS EMS DMS CMS PACK

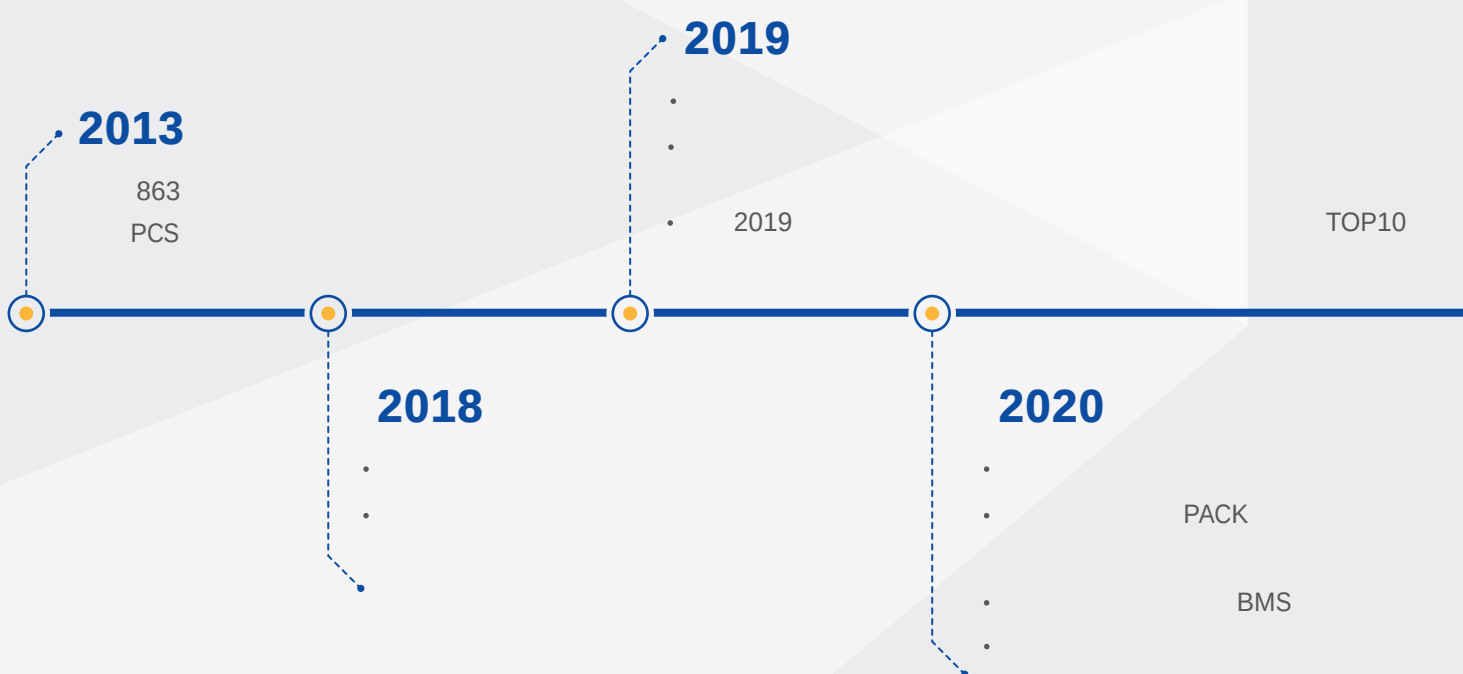
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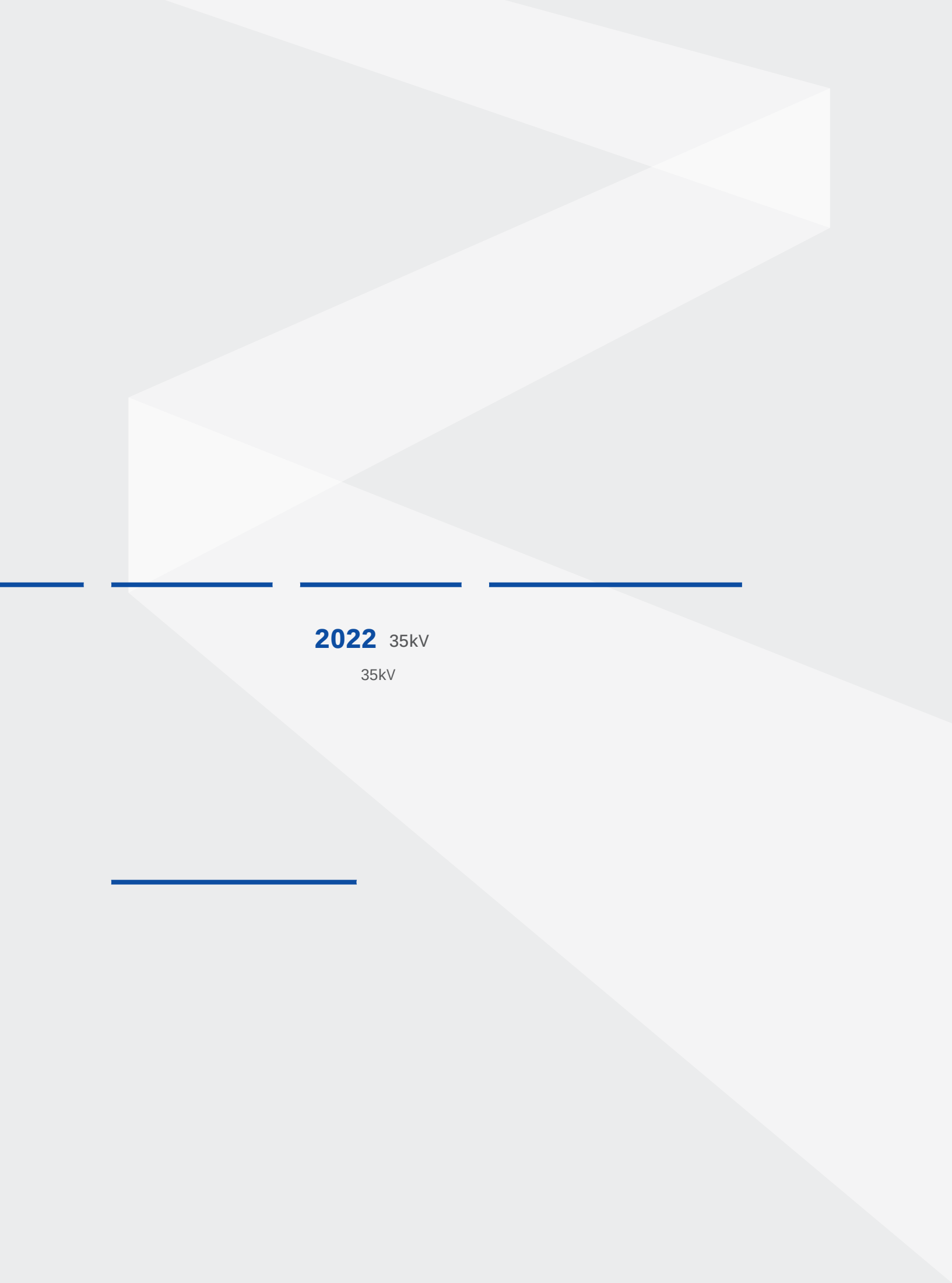
20



级联型高压大容量储能技术







2022 35kV
35kV







		35kV	690V()	35kV
		25MW	5MW	5
				2%
		5ms	50ms	
		≥ 92%	80~85%	6-10%
				6-7%
	QMA	≤ 2%	≤ 5%	
	! !			
		1.1~20	3	
		0.1pu	0.3pu	
		0-2000Hz	0-200Hz	



	XEA+13CQQ+03K U-3. K U f+J
	1Ô3. Ô /N114Q
	F
	03KU
	3. K U f
((	4(/ .0..(113.(11.. k k)1(//0..(113.(11.. k k
	4(30r)1(36r
	+2.,)23,
	. 73#
	2... k 0... k
	GN32 GN44
	N?A I)))
	Kmb`sq RAN GCA/ .2 GCA4/63.
	E@-R 14054 E@-R 12/0. E@-R 12/11 E@-R 12/1/ E@-R 14325 E@-R 14326
	JDN 1,0T-1/2?f
	/N26Q
	/N114Q
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	53KU
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	1/,3iT 16,3iT
	/015?
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	+//. # //. #
	3. Fx
	23Fx 33Fx
	/3. !
	13iT
	3 k q
	77#

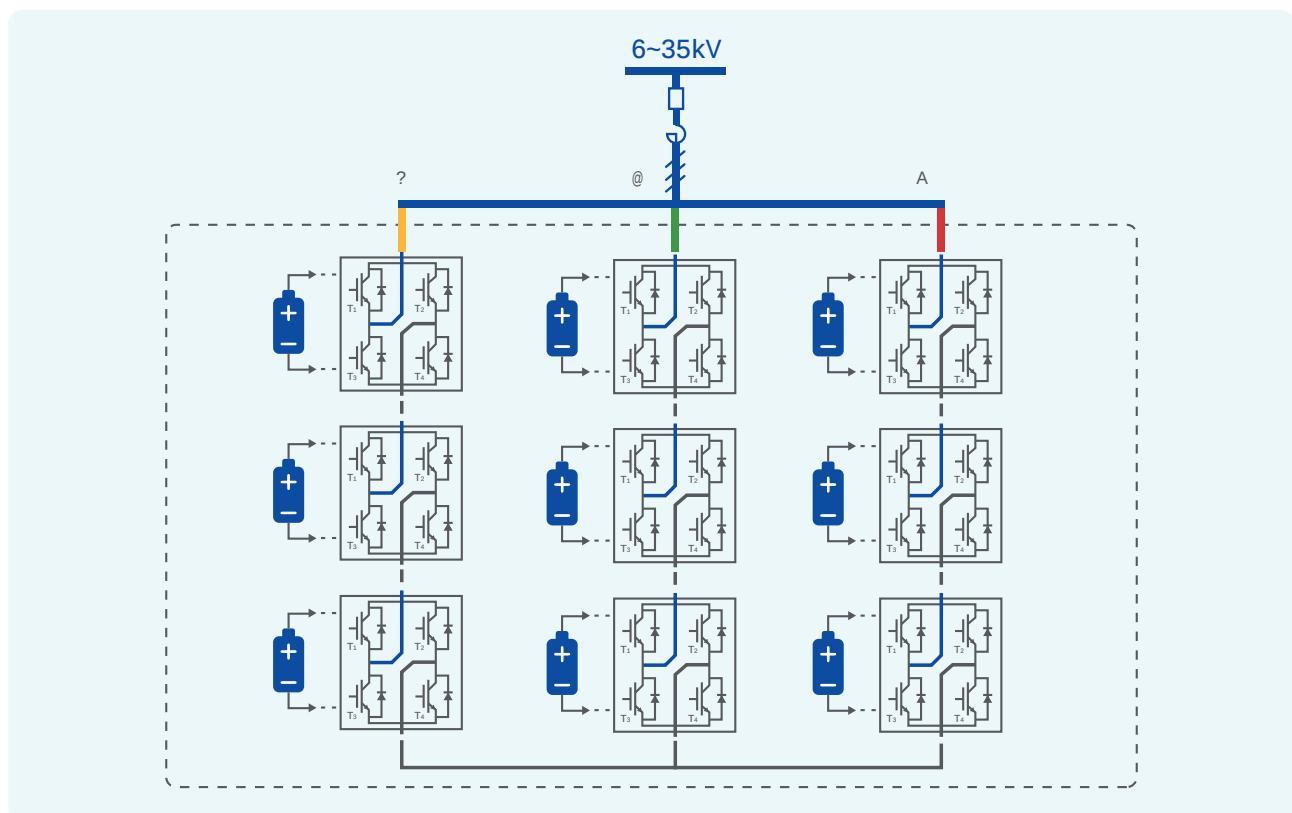


6kV~35kV

PCS BMS

EMS

2



2





3

35kV 0.5P

	XEA+13CQQ+03K U-3.K U f+J	
	1Ô3.Ô /N114Q	
	F	
	03K U	
	3.K U f	
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	Kmb`sq RAN ĞCA/ .2 ĞCA4/63.	
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	JDN 1,0T-1/2? f
	/N26Q
	/N114Q
	.,3N
	115,4/1 i U f
	/ . 53,0T
	72 . ,6 /004,2T
((	/ . 4 . (7 . . (040 . k k
	066 . ie
NAQ	XEA+13NAQ+03K U+J
	03KU
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	.,3# G l
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	1/,3iT 16,3iT
	/015?
	<. ,77& '
	+// . # // . #
	3 . Fx
	23Fx 33Fx
	/3 . !
	13iT
	3 k q
	77#

35kV(0.25P)

	XEA+13CQQ+03K U-/ . . K U f+J
	1Ô3. Ô /N114Q
	F
	03KU
	/ . . K U f
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	/O(30r)4(36r
	+2.,)23

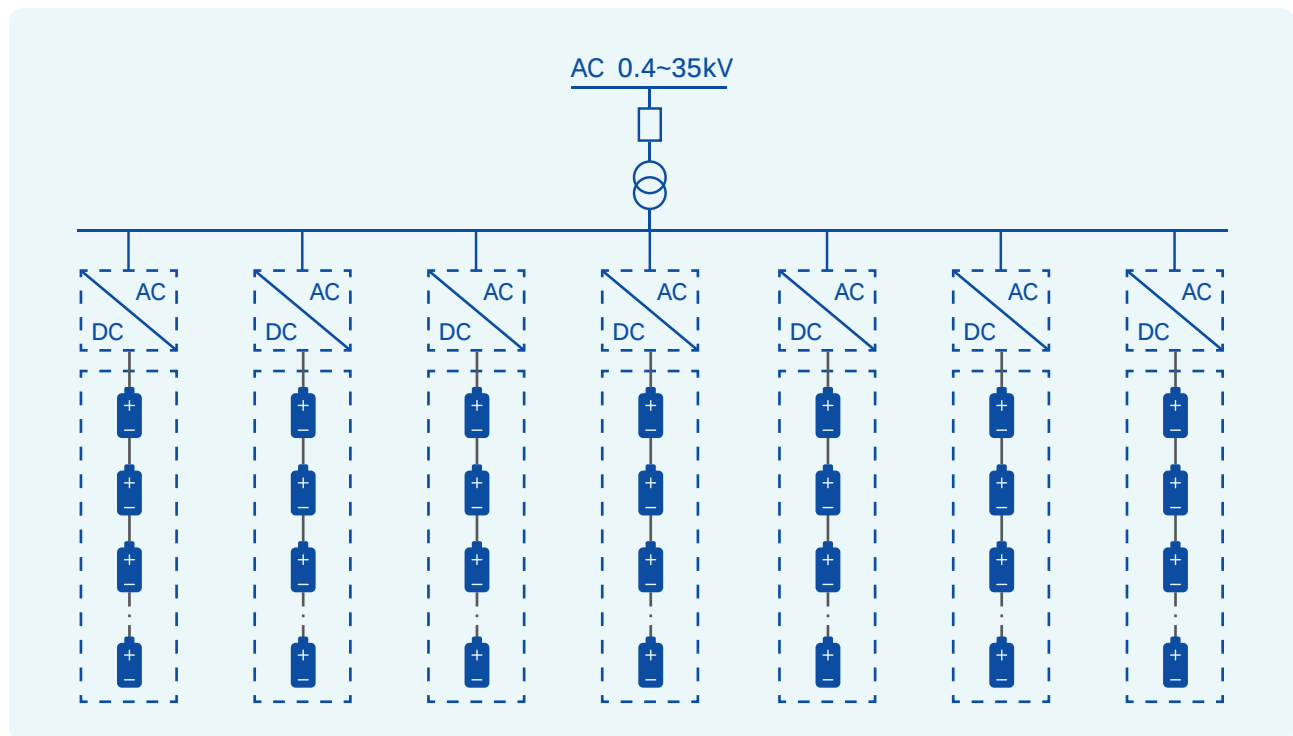
	. 73#
	2...k 0...k
	GN32GN44
	N?AI)))
	Kmb`sqRAN GCA/.2 GCA4/63.
	E@-R 14054 E@-R 12/0. E@-R 12/11 E@-R 12/1/ E@-R 14325 E@-R 14326
	JDN 1,0T-1/2?f
	/N26Q
	/N114Q
	.,03N
	115,4/1iUf(0
	/ .53,0T
	72.,6 /004,2T
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	066. ie
NAQ	XEA+13NAQ+03K U+J
	03K U
	:0#& '
	.,3# GI
	13iT
	1/,3iT 16,3iT
	/015?
	<.,77& '
	+//. # //. #
	3. Fx
	23Fx 33Fx
	/3. !
	13iT
	3 kq
	77#



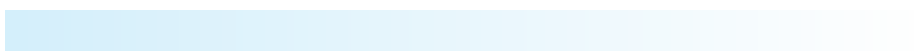
PCS

PCS

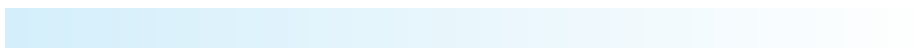
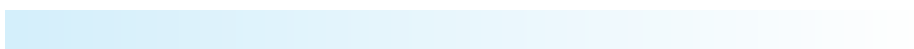
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4



IP54



/ ,1500V

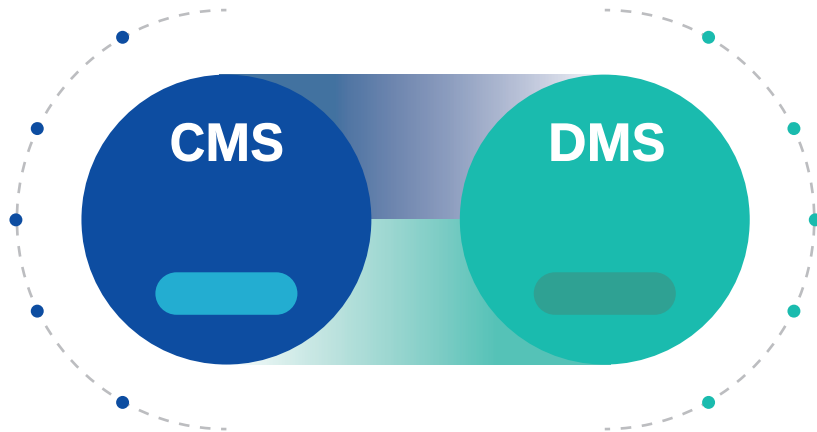


5MW/10MWh

		1/2? f
		/N30Q
		/N2/4Q
		.,3N
		2/5,77 i U f
		/11/,0T
		//42,6 /3/6,2T
		3./3 i U f
	GN32	GN44
((		403.(033.(0674 k k
		23r
	N?A I	)))
NAQ		
		53.T
		02 (0/3 i U
		/44?
		03 k q
		77 #
		0. k q
		3. k q
((		64..(10..(1... k k
		02r
		GN44



		XEK+.,2CQQ+/03iU-011iUf+J	XEK+.,2CQQ+/03iU-04/iUf+J
		06.?f	1/2?f
		/N04.Q	
		/0,0i?	
		/2.?-/35?	
		/4.? / -/55?	
		010,7iUf-04/,0iUf	
		506 727T BA	
		610T BA	
	& (('	//..Ô/22.Ô052.k k	
		06..ie	
	GN	GN43	
		GN33	
		Kmb`sqrAN	
NAQ			
		XEK+.,2NAQ+/03iU+J	
		/03iU	
		2..T	
		/6. 0/5?	
		77#	
		0.kq	
		3.kq	
		3...k 0...k	
		GN43	
		5..(03.(4..kk	
		53ie	
		33.ø73.TBA	



AI

◆ CMS

-



AI

◆ DMS

-



5 CMS

-



6 DMS

-







◎ 电源侧

9MW/4.5MWh





◎ 电源侧

60MW/60MWh



?EA



◎ 电源侧

20MW/20MWh



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◎ 电源侧

30MW/30MWh



◎ 电源侧

20MW/10MWh



?EA



◆



◎ 电源侧

150MW/600MWh



13iT



! !



◎ 电源侧



13iT



) !



● 电源侧
 20MW/40MWh

☰
13iT
☑
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● 电源侧
 22.5MW/90MWh

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◎ 电网侧

28.97MW/100MWh



! ! !



● 电网侧

200MW/400MWh



EU



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● 电网侧

100MW/200MWh



!

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● 电网侧

100MW/200MWh



/..KU



! ! !



● 电网侧

100MW/200MWh



! ! !



● 电网侧

208MW/416MWh



! ! !



● 电网侧

100MW/200MWh



! !



◆



◎ 用户侧

91.5MW/366MWh



13iT



! ! !



◎ 用户侧

10MW/22.12MWh



◎ 用户侧

10MW/20MWh



储能全生命周期价值挖掘专家



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