

Lynx Home U

**GOODWE**

GOODWE

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1.1	.....	01
1.2	.....	01
1.3	.....	01
1.4	.....	02
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4.2	.....	4
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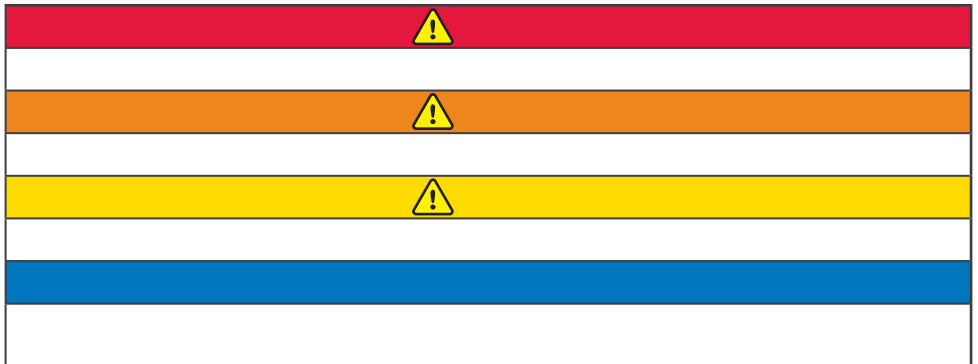
# 1

## 1.1

LX U5.4-L  
LX U5.4-20

## 1.2

## 1.3



## 1.4

V1.0 2021-03-30

V1.1 2021-07-19  
5.3

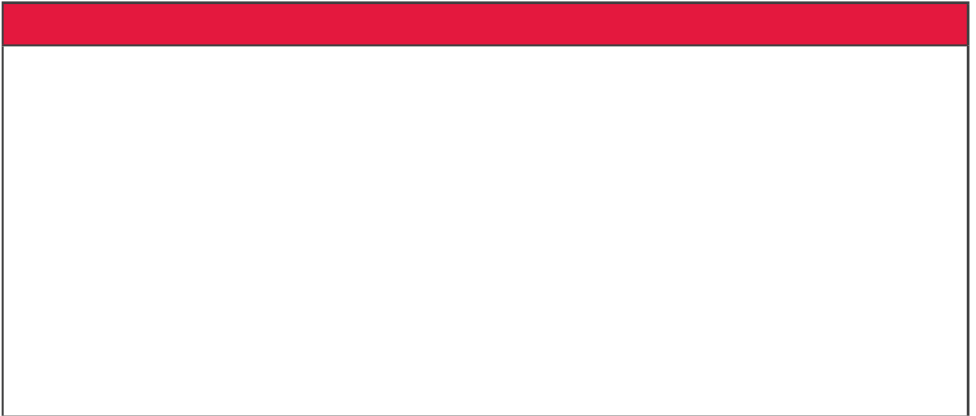
V1.2 2022-03-15  
2.2

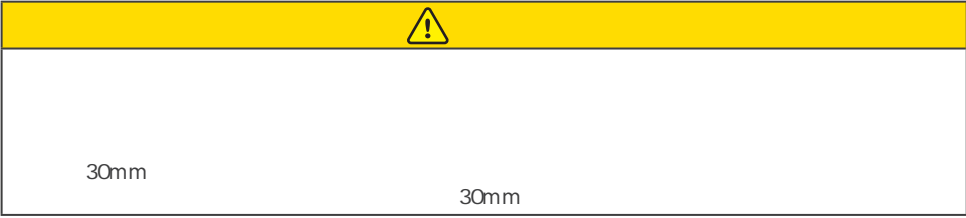
V1.3 2022-08-30  
5.3.3  
6.2  
6.5  
07

V1.4 2022-12-10  
07

V1.5 2023-03-20  
4.1

V1.6 2023-08-25  
5.3.3





			CE





## 2.3

---

15

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150

Novac1230 FM-200

ABC

## 2.4 EU

Electromagnetic compatibility Directive 2014/30/EU (EMC)

Electrical Apparatus Low Voltage Directive 2014/35/EU (LVD)

Battery Directive 2006/66/EC and Amending Directive 2013/56/EU

Waste Electrical and Electronic Equipment 2012/19/EU

Registration, Evaluation, Authorization and Restriction of Chemicals (EC) No 1907/2006 (REACH)

EU

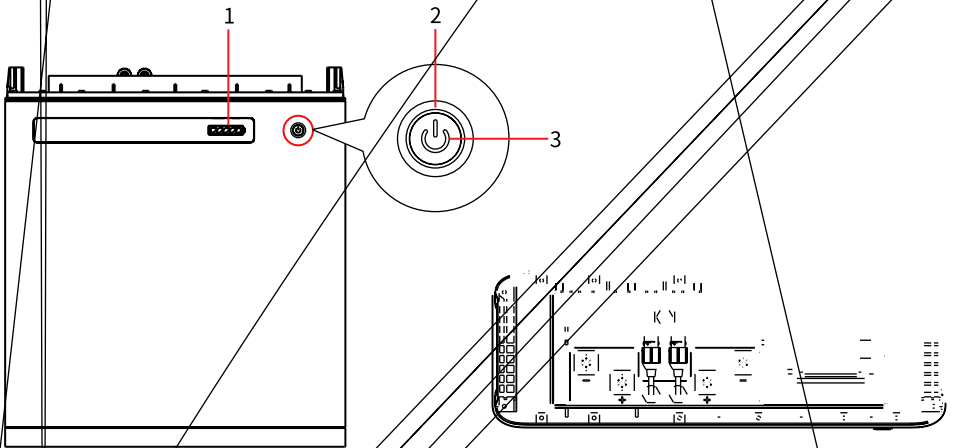
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3.1

Lk` j Ha\_eU

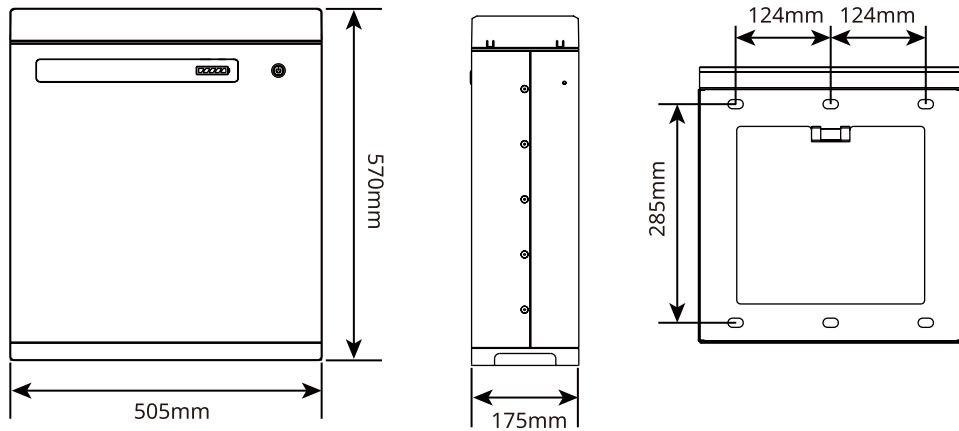
ES EM SBP BP  
6

3.2



1	SOC
2	
3	
4	
5	
6	CAN
7	
8	

## 3.3

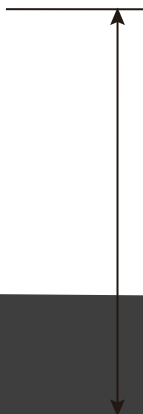
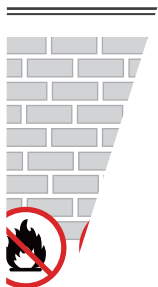




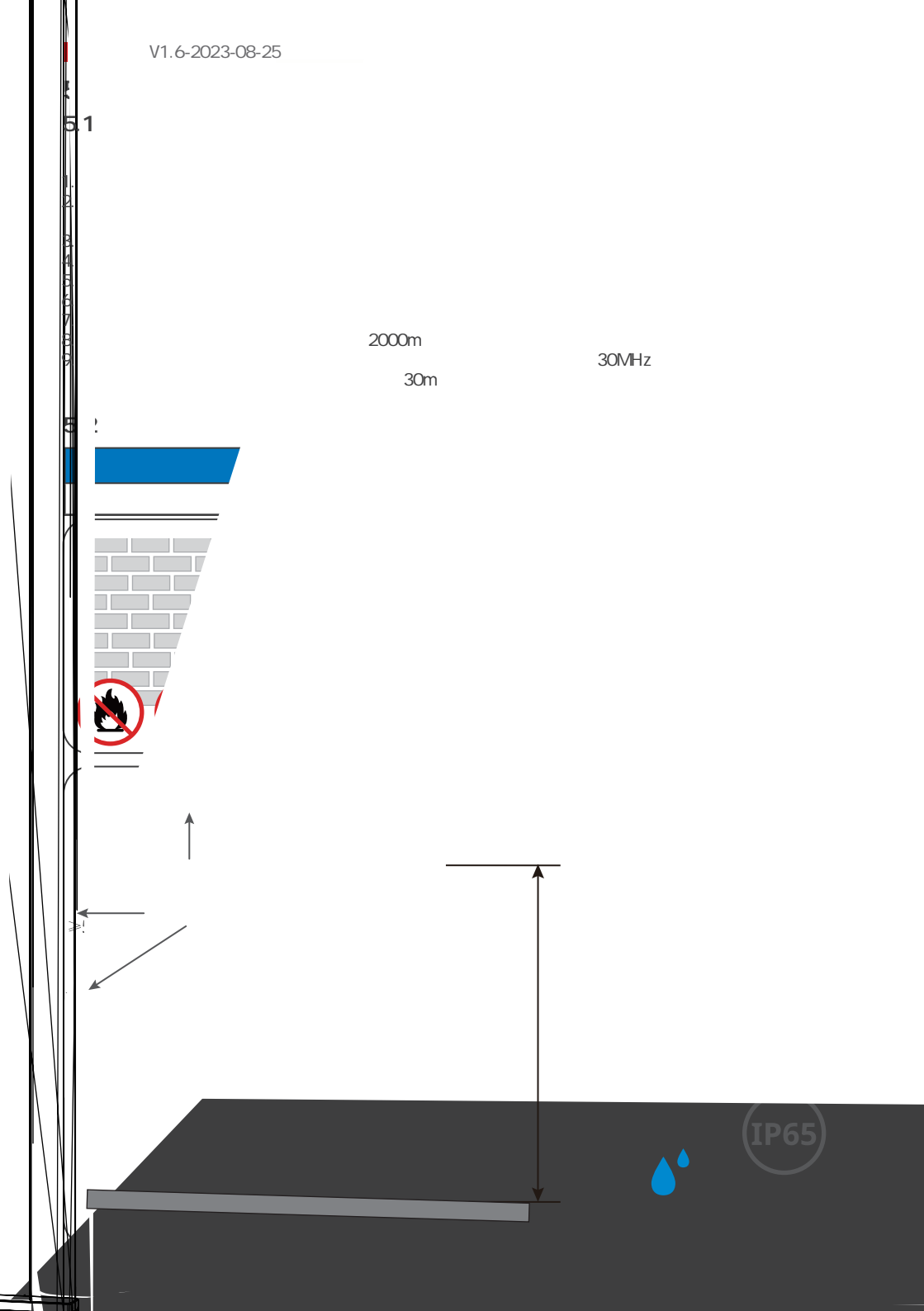
51

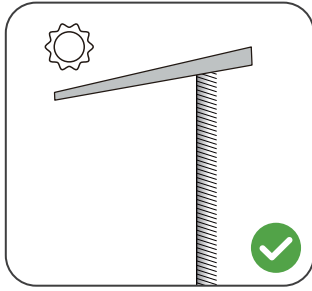
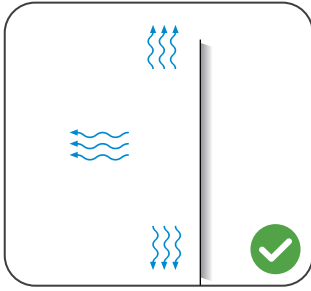
2000m  
30m

30MHz



IP65







## 5.3



### 5.3.1

- 1
- 2

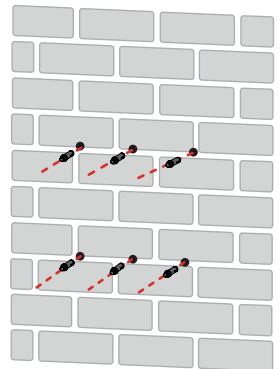
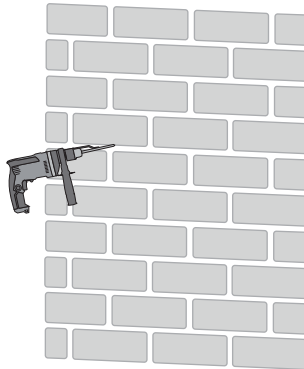
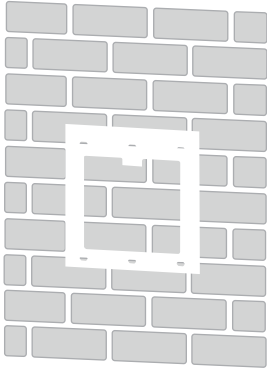
- 3
- 4

10\_ \_ , 80\_ \_  
10N%<sub>00</sub>



### 5.3.2

- 1
- 2
- 3 M10 13\_ \_ , 65\_ \_
- 4 10N%<sub>00</sub>

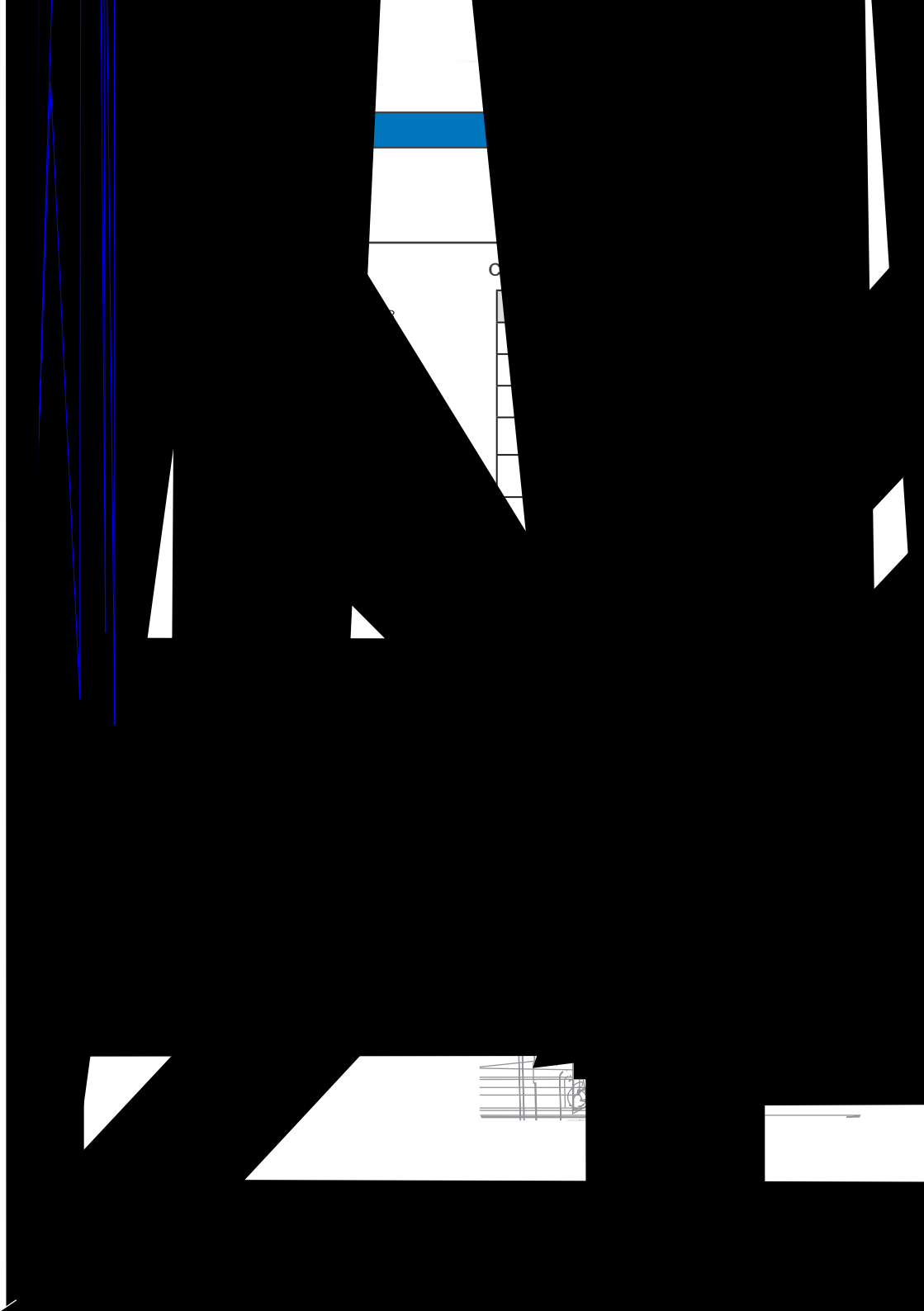


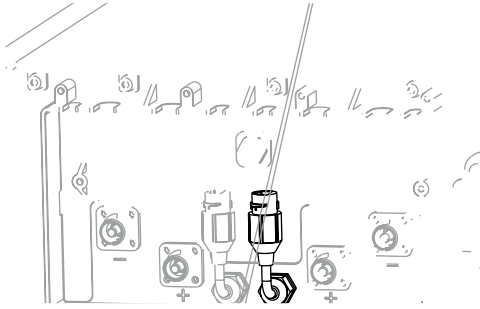




25\_ \_<sup>2</sup>

DC1500V    -40 p200  
18f 1\_ \_  
(    25\_ \_<sup>3</sup>)  
1200N





### 5.3.4

6

6

1	
2	
3	
4	

2



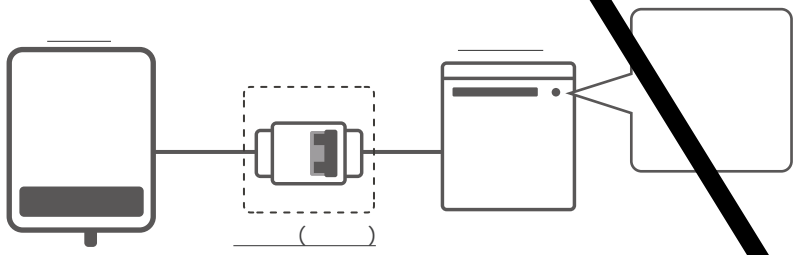
X U5.4-L

- 1
- 2
- 3
- 4
- 5 30

30

X U5.4-20

- 1
- 2
- 2
- 3
- 4







6.4

(LX U5.4-L)




6.4.2

	SOC		
3			2 Gaadi e
			Gaadi e
			Gaadi e
			10 5
			Gaadi e
			2 Gaadi e
			10e 5

6.4.3

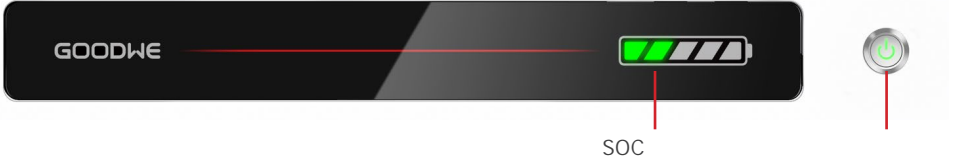
	SOC		
3			Gaadi e
		MOS	
			Gaadi e
			Gaadi e
		SN	Gaadi e
			Gaadi e
			Gaadi e
			30e
		MOS	2 Gaadi e
			Gaadi e





6.5

(LX U5.4-20)




6.5.1

	SOC	
1 2 1 1		SOC<5%
		5% SOC<25%
		25% SOC<50%
		50% SOC<75%
		75% SOC<95%
		SOC 95%

SOC	1	

6.5.2

	SOC	
1 1		Master PV

6.5.3



	SOC		
			2Z Gaadi e
1 1			Gaadi e
			2Z Gaadi e
			Gaadi e
			2Z Gaadi e
			12Z Gaadi e
		MOS	Gaadi e
		MOS	
		BMU	Gaadi e
		MCU	
			Gaadi e
			Gaadi e
		MOS	2Z Gaadi e
			2Z Gaadi e
		Gaadi e	

## 6.6

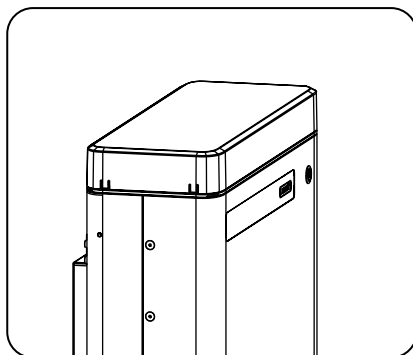
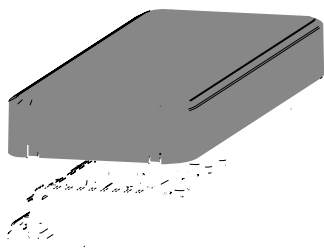
### LXU5.4-L

- 1. 5
- 2.
- 3. SOC

### LXU5.4-20

- 1.
- 2. SOC

## 6.7



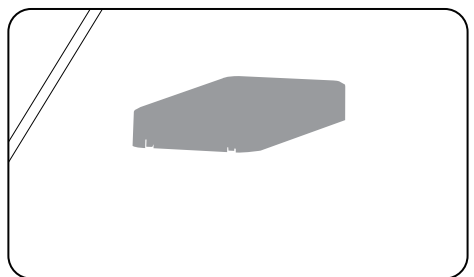
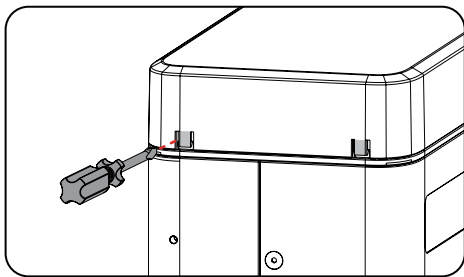
7

	LXU5.4-L	2*LXU5.4-L	3*LXU5.4-L	4*LXU5.4-L	5*LXU5.4-L	6*LXU5.4-L
(I WZ) <sup>*1</sup>	5.4	10.8	16.2	21.6	27	32.4
(I WZ) <sup>*2</sup>	4.8	9.6	14.4	19.2	24	28.8
	LFP(LiFePO4)					
	16 1	16 2	16 3	16 4	16 5	16 6
(V)	51.2					
(V)	48-57.6					
(A) <sup>*3</sup>	50	100				
(I W) <sup>*3</sup>	2.88	5.76				
	2.323kA@ 1.0ms					
	CAN					
(KY)	57	114	171	228	285	342
(W*D*H) ( _ _ )	505x 570x 175 (LXU5.4-L)					
( )	0~+50/ -10~+50					
( )	-20~+40( ) / 0~+35( )					
	0-95%					
( _ )	2000					
	IP65					
	93.0%					
<sup>*4</sup>	4000@ 0.5/0.5C					
	IEC62619 IEC 62040, CEC					
	EMC	CE, RCM				
	UN38.3					
	25					
<sup>*1</sup>	2.5-3.65V		+25± 2 °C 0.5C			
<sup>*2</sup>	+25± 2 °C		0.5C 90% DOD			
<sup>*3</sup>	SOC					
<sup>*4</sup>	0.5C@ 25± 2		EOL 80%			

	LXU5.4-20	2*LXU5.4-20	3*LXU5.4-20	4*LXU5.4-20	5*LXU5.4-20	6*LXU5.4-20
(I WZ) <sup>*1</sup>	5.4	10.8	16.2	21.6	27	32.4
	LFP(LiFePO4)					
	16 1	16 2	16 3	16 4	16 5	16 6
(V)	51.2					
(V)	47.5-57.6					
(A) <sup>*2</sup>	50	100				
(I W) <sup>*2</sup>	2.56	5.12				
	2.323kA@ 1.0ms					
	CAN, RS485					
(KY)	57	114	171	228	285	342
(W*D*H) ( _ _ )	505× 570× 175 (LXU5.4-20)					
( )	0~+50/ -10~+50					
( )	-20~+40( ) / 0~+35( )					
	0-95%					
( _ )	2000					
	IP65					
	95.0%					
<sup>*3</sup>	4000@ 0.5C/0.5C					
	IEC62619, IEC63056, IEC 62040, CEC					
EMC	CE, RCM					
	UN38.3					
	25					
*1	2.5-3.65V		+25± 2 °C 0.5C			
*2	SOC					
*3	0.5C@ 25± 2	EOL	80%			

8

25p50%	6
	6
	6
	6
	6
	6





90



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