

2023007



#d'

1.

1.1.

1.1.1.

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1

FDLHEH	0.6/1kV	1C~5C	25	240mm ²
FDLHEH	1.8/3kV	1C	70	630mm ²
FDEH(FDEH-X), FDEHP(FDEHP-X)	450/750V, 0.6/1kV	1C		0.75~400mm ²
		2C, 5C		0.75~95mm ²
		3C, 4C		0.75~300mm ²
		6C~36C		0.75~4mm ²
FDEH(FDEH-X)	1.8/3kV			

1.2.

1.2.1.

: / - - -

1.2.2.

● 1% 0.1%

5%

●

●

●

1.2.3.

1.2.4.

	kg CO ₂ eq.	CO ₂ , CH ₄ , N ₂ O...
	M	, , ...
	kg Sb eq.	, , ...
	kg	, , ...
	kg SO ₂ eq.	SO ₂ , NO _x , NH ₃ ...
	kg PO ₄ ³⁻ eq.	NH ₃ , NH ₄ -N, COD...
	kg PM _{2.5} eq.	CO, PM ₁₀ , PM _{2.5} ...
	kg CFC-11 eq.	CCl ₄ , C ₂ H ₃ Cl ₃ , CH ₃ Br...
	kg N ₂ O eq.	C ₂ H ₆ , C ₂ H ₄ ...

eq equivalent CO₂

CO₂

Product Carbon Footprint, PCF

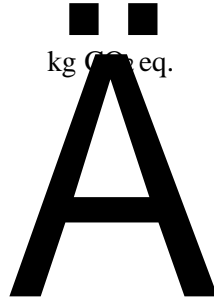
kg CO₂ eq.

1.2.5.

LCA

CLCD

CLCD



1.2.6.

LCA

1.2.6.

eFootprint

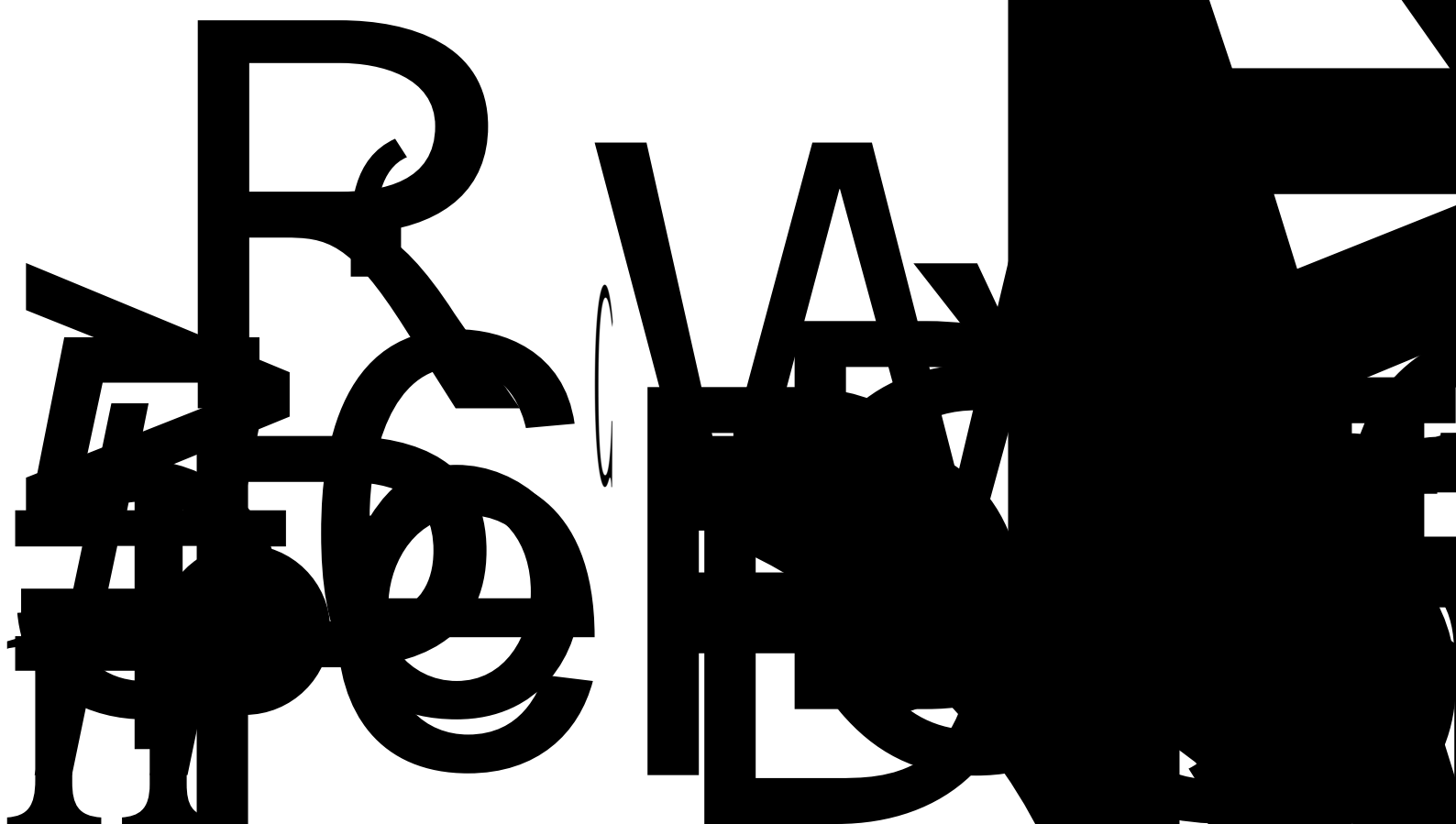
LCA

eFootprint

ELCD

ELCD

Eco



		99.95%)	
[]	(1.6 625)	hly1271763 581@163.co m 1.0	
[]	()	yxt@ike-glo bal.com 1.0	
[]	(0.07-0.1m m)	09203614@ cumt.edu.cn 1.0	
[]	()	CLCD-Chin a-ECER 0.8	
[]	()	lcacontest-s- o20p@ike-gl obal.com 1.0	
[]	()	caixr7@mail 2.sysu.edu.c n 1.0	
	6		
[]	LCA ()	jingjingliu25 @163.com 1.0	

2.

2.1. []

1

[]

2

2022

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1500km

	1	km	--	--
/	1,980	kg	CLCD-Chi na 0.9	
/	8	m ²	hl y1271763581 @163.com 1.0	
/	352	kg	yxt@ke-gl oba l.com 1.0	
/	590	kg	09203614@curt .edu.cn 1.0	
	836	kWh	CLCD-Chi na-EC ER 0.8	
	2.65	kg	lcacontest-s- o20p@ke-gl ob al.com 1.0	
	0.41	kg	cai xr7@ma i 2. sysu.edu.cn	
	1.58	m	1.0	
	0.07	kg	j i ngj i ngl i u25 @163.com 1.0	

3

4



3.2.

. LC

						%	%	03%	
8t -	0%	0%	0%	-1.37E-06%	0%	0%	0%	0%	0%
	0%	0%	0%	0%	0%	0%	0%	0%	

4.

4.1.

[]	

4.2.

	0

$$* = * /$$

$$* = +$$

4.3.

CLCD eF

. LCA

GWP(kg CO2 eq)	4.185E+004	5.35 %	[3.96E+04,4.41E+04]
PED(MJ)	7.269E+005	4.54 %	[6.94E+05,7.60E+05]
ADP(kg antimony eq.)	1.011E+001	20.47 %	[8.04,12.18]
WU(kg)	1.588E+008	5.07 %	[1.51E+08,1.67E+08]
AP(kg SO2 eq)	1.778E+002	3.11 %	[172.27,183.33]
EP(kg PO43-eq)	2.981E+001	3.56 %	[28.75,30.87]
RI(kg PM2.5 eq)	5.500E+001	3.14 %	[53.27,56.73]
ODP(kg CFC-11 eq)	3.475E-004	10.92 %	[3.10E-04,3.85E-04]

	POFP(kg NMVOC eq)	2.658E+001	6.72 %	[24.79,28.37]
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4.4.

1km ()

LCA (ADP) (EP) LCA (PED) (RI) LCA (WU) (ODP) LCA (GWP) (AP) (POFP) eFootpri nt eF

LCA
1km

4. 19E+04 kg CO₂eq.