

2023007



#d' . . . . .

1.

1.1.

1.1.1.

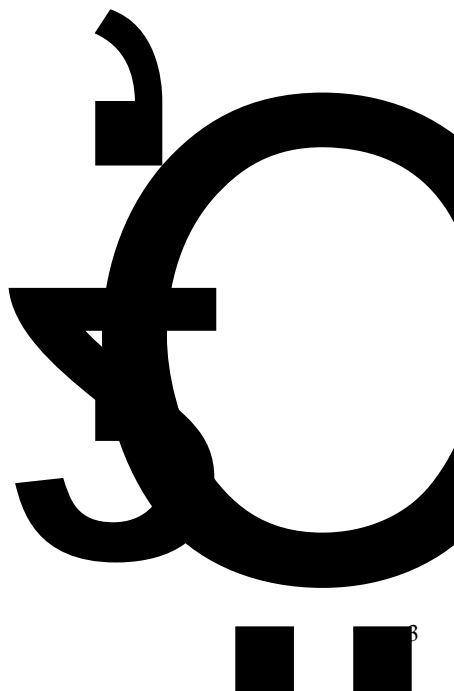
(

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FDLHEH 0.6/1kV  
FDLHEH 1.8/3kV

FDEH(FDEH-X),  
FDEHP(FDEHP-X) 450/750V, 0.6/1kV

FDEH(FDEH-X) 1.8/3kV



1.2.

1.2.1.

: / - - -

1.2.2.

● 1% 0.1%

5%

●

●

●

1.2.3.

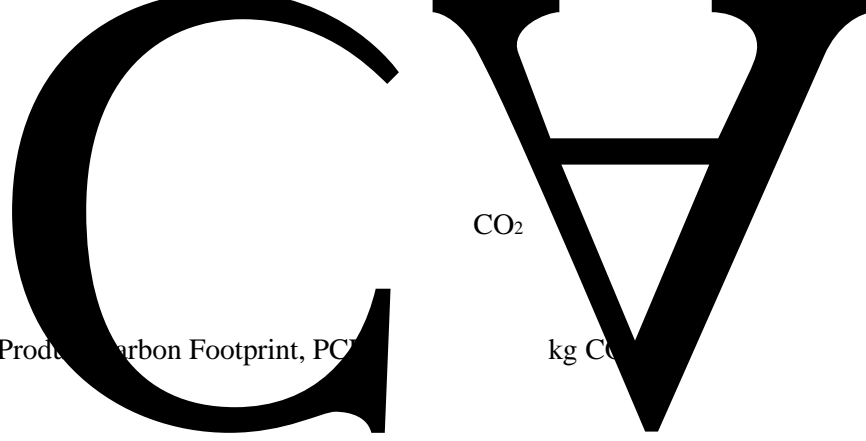
1.2.4.

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	kg CO <sub>2</sub> eq.	CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O...
	M	, , ...
	kg Sb eq.	, , ...
	kg	, , ...
	kg SO <sub>2</sub> eq.	SO <sub>2</sub> , NO <sub>x</sub> , NH <sub>3</sub> ...
	kg PO <sub>4</sub> <sup>3-</sup> eq.	NH <sub>3</sub> , NH <sub>4</sub> -N, COD...
	kg PM <sub>2.5</sub> eq.	CO, PM <sub>10</sub> , PM <sub>2.5</sub> ...
	kg CFC-11 eq.	CCl <sub>4</sub> , C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> , CH <sub>3</sub> Br...
	kg N <sub>2</sub> O eq.	C <sub>2</sub> H <sub>6</sub> , C <sub>2</sub> H <sub>4</sub> ...

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eq equivalent CO<sub>2</sub>



1.2.5.

LCA

CLCD

CLCD

LCA

1.2.6.

eFootprint

LCA

eFootprint

LCA

CLCD

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

/

1500km

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	1	km	--	--
/	1,980	kg	CLCD-Chi na 0.9	
/	8	m <sup>2</sup>	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	l cacontest-s- o20p@ke-gl ob al.com 1.0	
	0.41	kg	cai xr7@ma i 2. sysu.edu.cn 1.0	
	0.07	kg	j i ngj i ngl i u25 @163.com 1.0	

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3

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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.

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[ ]	
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4.2.

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0
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$$\begin{matrix} * & = & * & / \\ * & & = & + \end{matrix}$$

4.3.

CLCD eF

. LCA

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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]

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	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

1km

4. 19E+04 kg CO<sub>2</sub>eq.