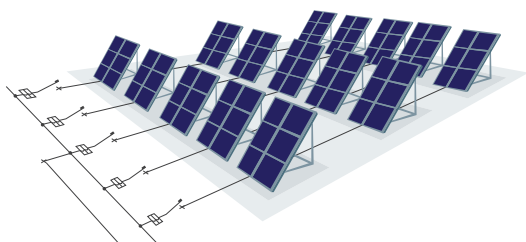


PROTECTION FOR DC BATTERIES & INVERTERS

GBAT FUSES
50A TO 400A



GBAT NH1
TO NH3L



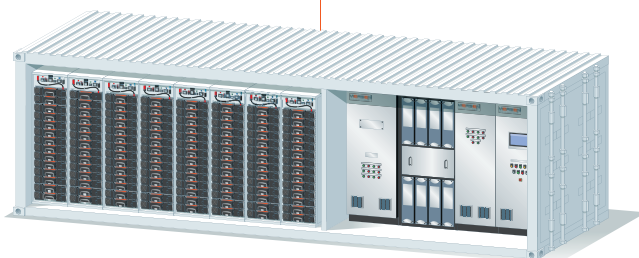
BATTERY INVERTER

1000VDC 50KA
SIZES NH1, NH2,
NH1XL, NH2XL
1000VDC/1500VDC
50KA



1500VDC 150KA
SIZE NH3L
1500VDC
150KA

gBat FUSES



**ENERGY STORAGE
& BATTERY MODULES**



**SIZE NH3L
BREAKING CAPACITY:
150kA AT 1500VDC / 3MS**

**SIZES NH1XL & NH2XL
1500VDC
50kA**

**SIZES NH1 & NH2
1000VDC
50kA**

- Electrical energy storage
- Battery storage system
- Line protection between battery system and DC/DC converter or battery inverter
- IEC 60269-7
- Bolted blades for direct mounting
- Plain blades

TECHNICAL DATA OVERVIEW

Voltage Range DC	1000 ... 1500 VDC
Ampere Range [A]	50 ... 400 A
Speed/Characteristic	gBat
Product Size	NH1, NH2, NH1XL, NH2XL, NH3L
Operating temperature	-40°C - +70°C
I.R. DC (UL)	NH1/NH2/NH1XL/NH2XL: 50kA NH3L 150kA@1500V L/R 3ms



NH fuse links gBat 1000VDC

CATALOG NUMBER	ITEM NUMBER	SIZE	RATED CURRENT I _N	PRE-ARCING I ² T	POWER DISSIPATION AT I _N	POWER DISSIPATION AT 0.7X I _N	TOTAL CLEARING I ² T @ UN (L/R=2MS)	PACKAGE	WEIGHT
PLAIN BLADE									
10NH1GBAT50	T1068620	1	50 A	0.65 kA ² s	11 W	4.6 W	2.4 kA ² s	3	0.3 kg
10NH1GBAT63	V1068621	1	63 A	1.46 kA ² s	13 W	5.4 W	5.35 kA ² s	3	0.3 kg
10NH1GBAT80	W1068622	1	80 A	2.6 kA ² s	15 W	6.1 W	9.5 kA ² s	3	0.3 kg
10NH1GBAT100	X1068623	1	100 A	4.6 kA ² s	17 W	7.2 W	13.25 kA ² s	3	0.3 kg
10NH1GBAT125	Y1068624	1	125 A	10.37 kA ² s	18 W	7.4 W	29.75 kA ² s	3	0.3 kg
10NH1GBAT160	Z1068625	1	160 A	20 kA ² s	23 W	9.6 W	57.4 kA ² s	3	0.3 kg
10NH2GBAT200	A1068626	2	200 A	36.45 kA ² s	27 W	11.3 W	130.4 kA ² s	3	0.6 kg
10NH2GBAT250	B1068627	2	250 A	64.8 kA ² s	31 W	12.9 W	231.7 kA ² s	3	0.6 kg
DIRECT MOUNTING									
10NH1GBAT50B	K1068612	1	50 A	0.65 kA ² s	11 W	4.6 W	2.4 kA ² s	3	0.4 kg
10NH1GBAT63B	L1068613	1	63 A	1.46 kA ² s	13 W	5.4 W	5.35 kA ² s	3	0.4 kg
10NH1GBAT80B	M1068614	1	80 A	2.6 kA ² s	15 W	6.1 W	9.5 kA ² s	3	0.4 kg
10NH1GBAT100B	N1068615	1	100 A	4.6 kA ² s	17 W	7.2 W	13.25 kA ² s	3	0.4 kg
10NH1GBAT125B	P1068616	1	125 A	10.37 kA ² s	18 W	7.4 W	29.75 kA ² s	3	0.4 kg
10NH1GBAT160B	Q1068617	1	160 A	20 kA ² s	23 W	9.6 W	57.4 kA ² s	3	0.4 kg
10NH2GBAT200B	R1068618	2	200 A	36.45 kA ² s	27 W	11.3 W	130.4 kA ² s	3	0.63 kg
10NH2GBAT250B	S1068619	2	250 A	64.8 kA ² s	31 W	12.9 W	231.7 kA ² s	3	0.63 kg

NH-fuse-links gBat 1500VDC

CATALOG NUMBER	ITEM NUMBER	SIZE	RATED CURRENT I _N	PRE-ARCING I ² T	POWER DISSIPATION AT I _N	POWER DISSIPATION AT 0.7X I _N	TOTAL CLEARING I ² T @ UN (L/R=2MS)	PACKAGE	WEIGHT
PLAIN BLADE									
15NH1XLGBAT50	C1068628	1XL	50 A	0.97 kA ² s	21 W	8.6 W	3.05 kA ² s	1	0.7 kg
15NH1XLGBAT63	D1068629	1XL	63 A	2.05 kA ² s	25 W	10.2 W	6.75 kA ² s	1	0.7 kg
15NH1XLGBAT80	E1068630	1XL	80 A	4.6 kA ² s	25.5 W	10.3 W	15 kA ² s	1	0.7 kg
15NH1XLGBAT100	G1068632	1XL	100 A	10.37 kA ² s	26 W	10.5 W	32.35 kA ² s	1	0.7 kg
15NH1XLGBAT125	H1068633	1XL	125 A	18.43 kA ² s	30 W	12.2 W	61.15 kA ² s	1	0.7 kg
15NH2XLGBAT160	Q1068640	2XL	160 A	28.8 kA ² s	38 W	15.4 W	84.6 kA ² s	1	1.05 kg
15NH2XLGBAT125	P1068639	2XL	125 A	14.11 kA ² s	33.7 W	13.6 W	38.2 kA ² s	1	1.05 kg
15NH2XLGBAT200	S1068642	2XL	200 A	54.45 kA ² s	48 W	19.4 W	129.2 kA ² s	1	1.05 kg
15NH2XLGBAT250	T1068643	2XL	250 A	115.2 kA ² s	51.7 W	20.9 W	222.2 kA ² s	1	1.05 kg
15NH3LGBAT160	Z1068648	3L	160 A	28.8 kA ² s	36 W	15 W	72 kA ² s	1	1.69 kg
15NH3LGBAT200	A1068649	3L	200 A	56.45 kA ² s	44 W	18 W	141.1 kA ² s	1	1.69 kg
15NH3LGBAT250	B1068650	3L	250 A	101.25 kA ² s	50 W	20 W	253.1 kA ² s	1	1.69 kg
15NH3LGBAT315	C1068651	3L	315 A	240.8 kA ² s	57 W	23 W	512 kA ² s	1	1.69 kg
15NH3LGBAT350	D1068652	3L	350 A	259.2 kA ² s	63 W	25 W	648 kA ² s	1	1.69 kg
15NH3LGBAT400	E1068653	3L	400 A	361.25 kA ² s	71 W	28 W	903.1 kA ² s	1	1.69 kg
DIRECT MOUNTING									
15NH1XLGBAT50B	J1068634	1XL	50 A	0.97 kA ² s	21 W	8.6 W	3.05 kA ² s	1	0.69 kg
15NH1XLGBAT63B	K1068635	1XL	63 A	2.05 kA ² s	25 W	10.2 W	6.75 kA ² s	1	0.69 kg
15NH1XLGBAT80B	L1068636	1XL	80 A	4.6 kA ² s	25.5 W	10.3 W	15 kA ² s	1	0.69 kg
15NH1XLGBAT100B	M1068637	1XL	100 A	10.37 kA ² s	26 W	10.5 W	32.35 kA ² s	1	0.69 kg
15NH1XLGBAT125B	N1068638	1XL	125 A	18.43 kA ² s	30 W	12.2 W	61.15 kA ² s	1	0.69 kg
15NH2XLGBAT125B	V1068644	2XL	125 A	14.11 kA ² s	33.7 W	13.6 W	38.2 kA ² s	1	1.02 kg
15NH2XLGBAT160B	W1068645	2XL	160 A	28.8 kA ² s	38 W	15.4 W	84.6 kA ² s	1	1.02 kg
15NH2XLGBAT200B	X1068646	2XL	200 A	54.45 kA ² s	48 W	19.4 W	129.2 kA ² s	1	1.02 kg
15NH2XLGBAT250B	Y1068647	2XL	250 A	115.2 kA ² s	51.7 W	20.9 W	222.2 kA ² s	1	1.02 kg
15NH3LGBAT160B	F1068654	3L	160 A	28.8 kA ² s	36 W	15 W	72 kA ² s	1	1.66 kg
15NH3LGBAT200B	G1068655	3L	200 A	56.45 kA ² s	44 W	18 W	141.1 kA ² s	1	1.66 kg
15NH3LGBAT250B	H1068656	3L	250 A	101.25 kA ² s	50 W	20 W	253.1 kA ² s	1	1.66 kg
15NH3LGBAT315B	J1068657	3L	315 A	240.8 kA ² s	57 W	23 W	512 kA ² s	1	1.66 kg
15NH3LGBAT350B	K1068658	3L	350 A	259.2 kA ² s	63 W	25 W	648 kA ² s	1	1.66 kg
15NH3LGBAT400B	L1068659	3L	400 A	361.25 kA ² s	71 W	28 W	903.1 kA ² s	1	1.66 kg

