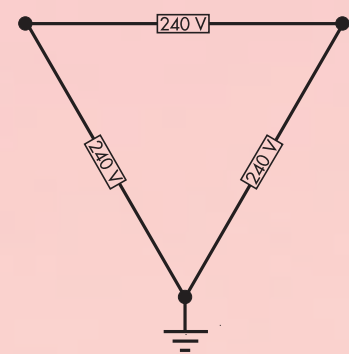


INVERTERS & UTILITY GRID CONFIGURATION

Common Utility Grid Transformers in 60 Hz in North America, Central America, and the Caribbean
Please verify with appropriate installation manual

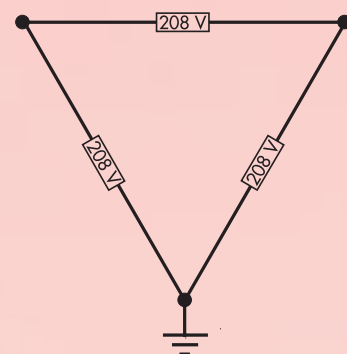


240 V Delta Corner Ground



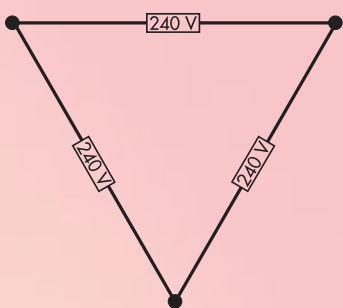
- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 3800-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US
 - SB 8000-US

208 V Delta Corner Ground



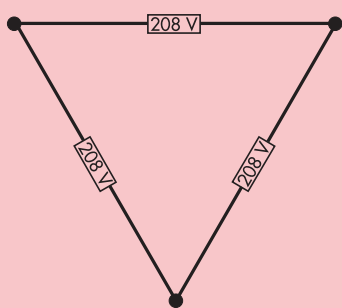
- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US

240 V Delta



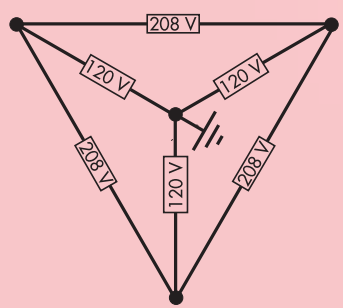
- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 3800-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US
 - SB 8000-US

208 V Delta



- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US

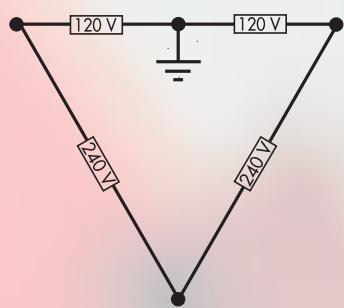
208 V WYE



- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US
 - SB 3000TL-US
 - SB 3800TL-US
 - SB 4000TL-US
 - SB 5000TL-US
 - SB 6000TL-US
 - SB 7000TL-US
 - SB 8000TL-US
 - SB 9000TL-US
 - SB 10000TL-US

- L-N**
- SI 4548-US - 120 V
 - SI 6048-US - 120 V

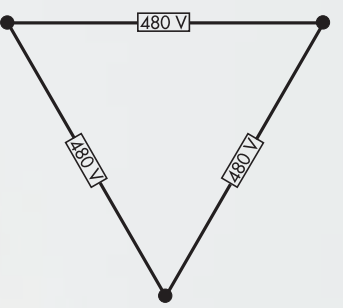
240 V Stinger Ground



- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 3800-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US
 - SB 8000-US

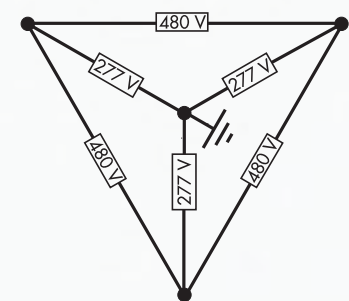
- L-N**
- SI 4548-US - 120 V
 - SI 6048-US - 120 V

480 V Delta



DO NOT USE FOR ANY
SUNNY BOY, SUNNY
TRIPower OR
SUNNY ISLAND

480 V WYE



- L-N**
- SB 5000-US - 277 V
 - SB 6000-US - 277 V
 - SB 7000-US - 277 V
 - SB 8000-US - 277 V

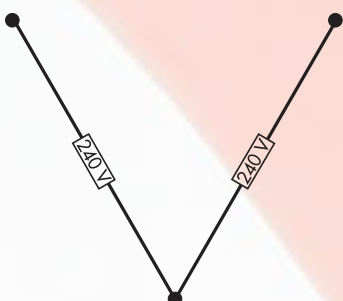
- 3φ**
- STP 12000TL-US
 - STP 15000TL-US
 - STP 20000TL-US
 - STP 24000TL-US

208 V Open Delta



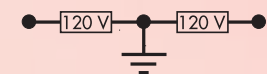
- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US

240 V Open Delta



- L-L**
- SB 2000HF-US
 - SB 2500HF-US
 - SB 3000HF-US
 - SB 3000-US
 - SB 3800-US
 - SB 4000-US
 - SB 5000-US
 - SB 6000-US
 - SB 7000-US
 - SB 8000-US

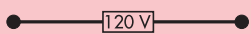
240 V Split-Phase



- L-L**
- SB 240-US - 240 V
 - SB 2000HF-US - 240 V
 - SB 2500HF-US - 240 V
 - SB 3000HF-US - 240 V
 - SB 3000-US - 240 V
 - SB 3800-US - 240 V
 - SB 4000-US - 240 V
 - SB 5000-US - 240 V
 - SB 6000-US - 240 V
 - SB 7000-US - 240 V
 - SB 8000-US - 240 V
 - SB 3000TL-US - 240 V
 - SB 3800TL-US - 240 V
 - SB 4000TL-US - 240 V
 - SB 5000TL-US - 240 V
 - SB 6000TL-US - 240 V
 - SB 7000TL-US - 240 V
 - SB 8000TL-US - 240 V
 - SB 9000TL-US - 240 V
 - SB 10000TL-US - 240 V
 - SB 11000TL-US - 240 V

- L-N**
- SI 4548-US
 - SI 6048-US

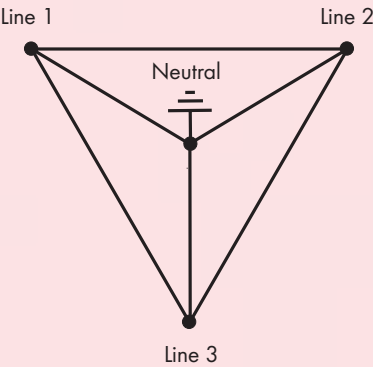
120 V Single Phase



- L-N**
- SI 4548-US
 - SI 6048-US

LEGEND

- SB Sunny Boy
- STP Sunny Tripower
- SI Sunny Island
- L-L Line to Line
- L-N Line to Neutral
- 3φ 3 Phase

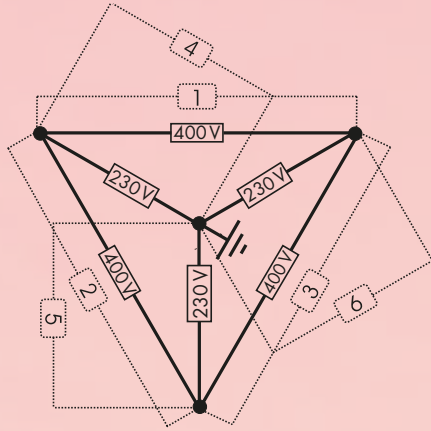


INVERTERS & UTILITY GRID CONFIGURATION

Common Grid Forms



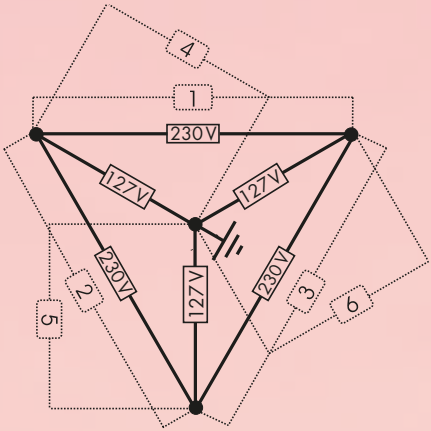
400 V / 230 V WYE



4,5,6: 1 x 220 V / 1 x 230 V / 1 x 240 V
SB 240 - 10
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB3600 / 5000SE - 10
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300 / 1600TL - 10
SB 2100TL
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 9000 / 10000 / 11000TLRP - 10
SI 6.0H / 8.0H

1-2-3: 3 x 400 V / 3 x 380 V / 3 x 415 V
STP 10000 / 12000 / 15000 / 17000TL - 10
STP 15000 / 20000TL - 10
STP 5000 / 6000 / 7000 / 8000 / 9000TL - 20

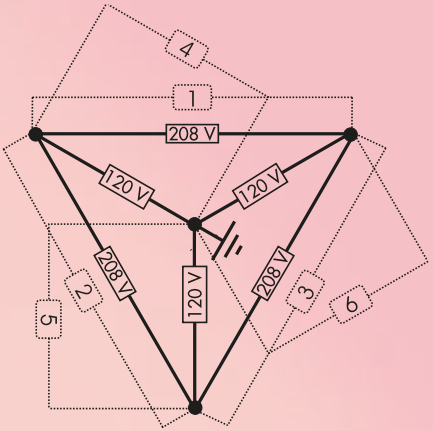
230 V WYE



1,2,3: 1 x 220 V / 1 x 230 V / 1 x 240 V
SB 240 - 10
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB3600 / 5000SE - 10
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300 / 1600TL - 10^a
SB 2100TL^a

4,5,6: 1x 127 V
SI 4548 / 6048 -US-10^b

208 V / 120 V WYE

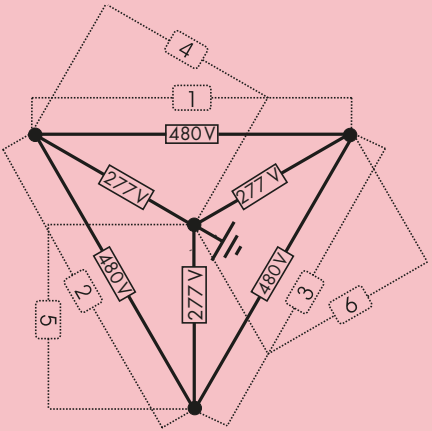


1,2,3: 1 x 208 V / 1 x 202 V
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 -11
SB 2000 / 2500 / 3000HF - 30
SMC 4600A / 5000A / 6000A -11
SMC 7000HV - 11
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 - US^b
SB 1300 / 1600TL - 10^a
SB 2100TL^a
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SB 3000 / 4000 / 5000TL - US - 22
SB 6000 / 7000 / 8000 - 12 TL - US -12
SB 9000 / 10000 - US - 12
SB 3500 / 4500TL - JP - 22^d

1-2-3: 3 x 208 V / 3 x 202 V
STP 10000TL - EE - JP - 10^d

4,5,6: 1x 120 V
SI 4548 / 6048 -US-10^b

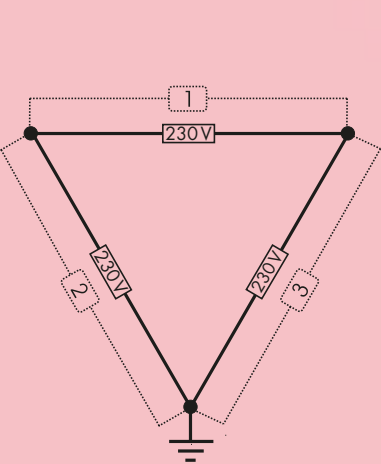
480 V / 277 V WYE



1-2-3: 3 x 480V / 3 x 460V
STP 12000 / 15000 / 20000 / 24000TL - US -10^c

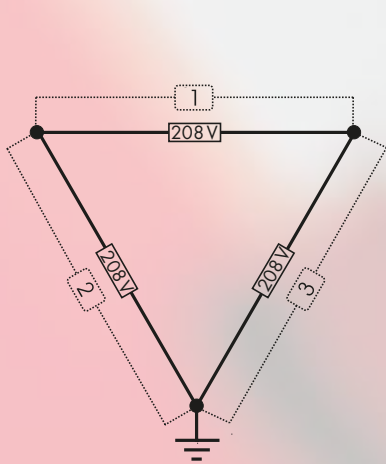
4,5,6: 1 x 277 V
SB 5000 / 6000 / 7000 / 8000 - US^b

230 V Delta Corner Ground



1,2,3: 1 x 240V / 1 x 230V / 1 x 220V
SB 1200/1700/2500/3000
SB 3300/3800 - 11
SB 2000/2500/3000HF - 30
SMC 4600A/5000A/6000A -11
SMC 7000HV - 11
SB 2000 / 2500 / 3000HF - US
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300/1600TL - 10
SB 2100TL
SB 2500/3000TLST - 21
SB 3000/3600/4000/5000TL - 21
SMC 9000/10000/11000TLRP - 10 (only 2,3)
SI 6.0H / 8.0H^f

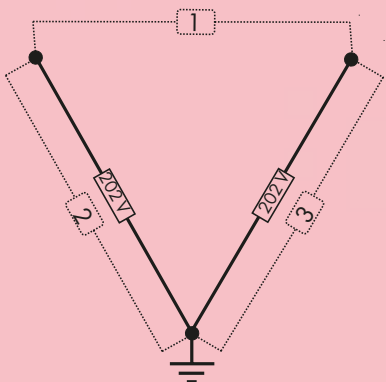
208 V Delta Corner Ground



1,2,3: 1 x 208 V / 1 x 202 V
SB 2000 / 2500 / 3000HF - US
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 - US^b
SB 3500 / 4500TL - JP - 22^d
SI 6.0H / 8.0H^f

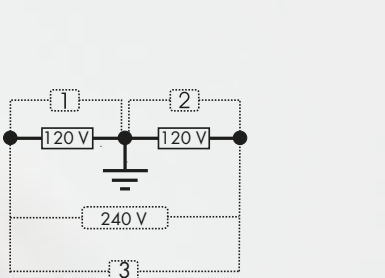
1-2-3: 3 x 208 V / 3 x 202 V
STP 10000TL - EE - JP - 10^d

202 V Open Delta Ground



1-2-3: 3 x 202 V
STP 10000TL - EE - JP - 10
2,3: 1x 220 V
SI 6.0H / 8.0H^f

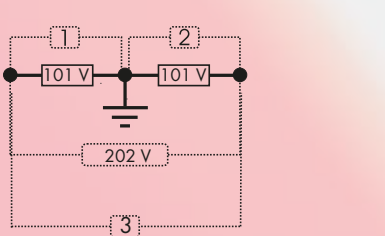
240 V Split Phase



3: 1 x 220 V / 1 x 230V / 1 x 240 V
SB 240 - US
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300/1600TL - 10^a
SB 2100TL^a
SB 6000 / 7000 / 8000TL - US - 12
SB 3000 / 4000 / 5000TL - US - 22
SB 9000 / 10000 / 11000TL - US - 12

1,2: 1x 120 V
SI 4548 / 6048 -US-10^b

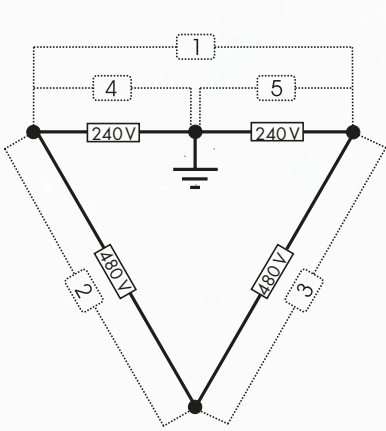
202 V Split Phase



3: 1 x 202 V

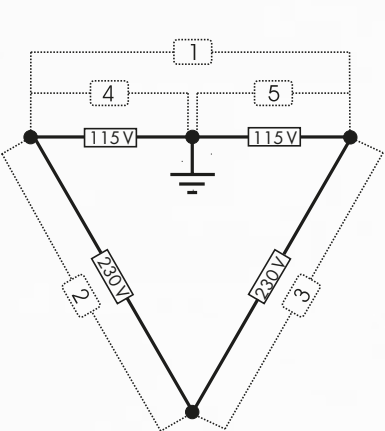
SB 3500 / 4500TL - JP - 22

480 V Stinger Ground



4,5: 1 x 230 V / 1 x 240 V
SB 240 - 10
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 3600 / 5000SE - 10
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300 / 1600TL - 10
SB 2100TL
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 9000 / 10000 / 11000TLRP - 10
SI 6.0H / 8.0H

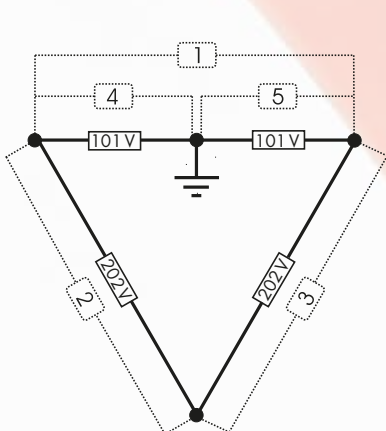
230 V Stinger Ground



1,2,3: 1 x 220 V / 1 x 230 V / 1 x 240 V
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 3000 / 4000 / 5000 TL - US - 22 (only 1)
SB 6000 / 7000 / 8000TL - US - 12 (only 1)
SB 9000 / 10000 / 11000TL - US - 12 (only 1)
SB 1300 / 1600TL - 10^a
SB 2100TL^a
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL-21

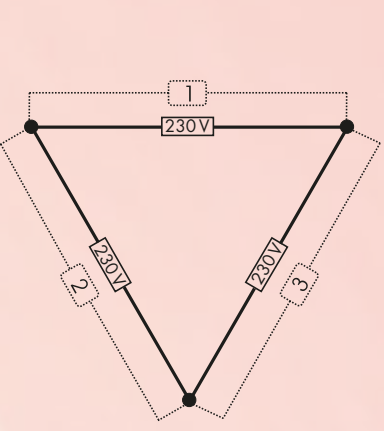
4,5: 1x 120 V
SI 4548 / 6048 -US-10^b

202 V Stinger Ground



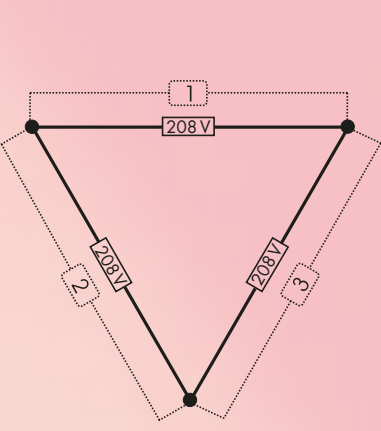
1-2-3: 3 x 202 V
STP 10000TL - EE - JP - 10

230 V Delta



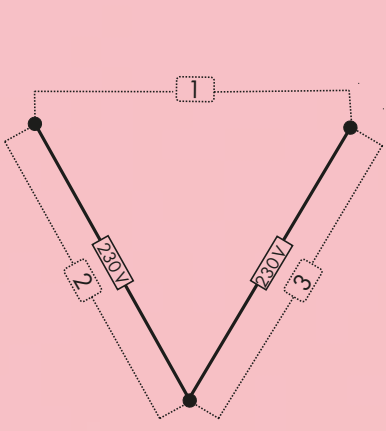
1,2,3: 1 x 220 V / 1 x 230 V / 1 x 240 V
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 1300 / 1600TL - 10^a
SB 2100TL^a
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b

208 V Delta



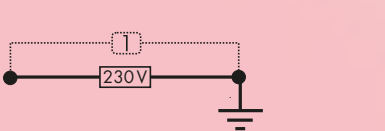
1,2,3: 1 x 208 V
SB 2000 / 2500 / 3000HF - US
SB 3000 / 3800 / 4000 - US
SB 5000 / 6000 / 7000 - US^b
SB 2500 / 3000TLST - 21
SB 1300 / 1600TL - 10^a
SB 2100TL^a

230 V Open Delta



1,2,3: 1 x 220 V / 1 x 230 V / 1 x 240 V
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 1300 / 1600TL - 10^a
SB 2100TL^a
SB 2000 / 2500 / 3000HF - US^a
SB 3000 / 3800 / 4000 - US^b
SB 5000 / 6000 / 7000 / 8000 - US^b

Single Phase Ground



1: 1 x 220 V / 1 x 230V / 1 x 240 V
SB 240 - 10
SB 1200 / 1700 / 2500 / 3000
SB 3300 / 3800 - 11
SB 2000 / 2500 / 3000HF - 30
SMC 4600A / 5000A / 6000A - 11
SMC 7000HV - 11
SB 3600 / 5000SE - 10
SB 2000 / 2500 / 3000HF - US
SB 3000 / 3800 / 4000 - US
SB 5000 / 6000 / 7000 / 8000 - US^b
SB 1300 / 1600TL -10
SB 2100TL
SB 2500 / 3000TLST - 21
SB 3000 / 3600 / 4000 / 5000TL - 21
SMC 9000 / 10000 / 11000TLRP - 10
SI 6.0H / 8.0H

Legend

1,2,3 - single phase connection in the phases 1 or 2 or 3
1-2-3 - three phase connection
a only 240 V
b only 60 Hz
c STP 24000TL - US - 10 supplies up to 23 kW at 460 V
d reduced MPP voltage range at 208 V
e valid from FW Version 4.50
f only in phases 2 and 3 (grounding required)