

SIMPO 5000

Recommended Minimum Configuration List _V2.1

ZYC ENERGY
ZERO YOUR CARBON

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Recommended Minimum Configuration For Use With Different Inverters

The following minimum configurations are recommended for building a system with different model of inverters. Deviations from these recommendations are NOT acceptable. Particularly for off-grid operation, the minimum number of batteries should be met wherever possible.

When starting some loads like motor, high starting currents may occur for a short period of time, so more batteries than the recommended minimum configuration may be required when configuring the system.

Victron

Victron	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
Multiplus 48/500/6	1	1	1	1
Multiplus 48/800/9	1	1	1	1
Multiplus 48/1200/13	1	1	1	1
Multiplus 48/1600/20	1	1	1	2
Multiplus 48/2000/25	1	1	1	2
Multiplus 48/2000/25-50 120V	1	1	1	2
Multiplus 48/3000/35	1	1	2	3
Multiplus 48/5000/70	1	2	2	4
Multiplus II (GX) 48/3000/35-32	1	1	1	3
Multiplus II (GX) 48/5000/70-50	1	2	2	4
Multiplus II 120V 48/3000/35-50	1	2	1	3
Multiplus II 48/8000/110-100	1	3	3	7
Multiplus II 48/10000/140-100	2	3	3	8
Multiplus II 48/15000/200-100	2	4	4	12
Quattro 48/3000/35-50/50 120V	1	1	2	3
Quattro 48/5000/70-100/100 120V	1	2	2	4
Quattro 48/10000/140-100/100 120V	2	3	4	8
Quattro 48/5000/70-100/100	1	2	2	4
Quattro 48/8000/110-100/100	1	3	2	7
Quattro 48/10000/140-100/100	2	3	3	8
Quattro 48/15000/200-100/100	2	4	4	12
Quattro 48/15000/200-100/100 277V	2	4	4	12
Easysolar 48/3000/35-50 MPPT 150/70	1	1	2	3
Easysolar 48/5000/70-100 MPPT 150/100	1	2	2	4
Easysolar II 48/3000/35-32 MPPT 250/70 GX	1	1	2	3
Easysolar II 48/5000/70-50 MPPT 250/100 GX	1	2	2	4

SMA

SMA	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
SI 4.4M	1	2	3	4
SI 6.0H	2	2	4	6
SI 8.0H	2	3	5	8

Selectronic

Selectronic	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
SPMC480-AU	1	2	3	5
SPMC481-AU	1	3	3	7
SPMC482-AU	2	4	5	11

Studer

Studer	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
XTS 1400-48	1	1	1	2
XTM 2600-48	1	1	1	2
XTM 4000-48	1	1	2	4
XTH 6000-48	1	2	3	5
XTH 8000-48	2	3	4	7
Next1	1	1	-	-
Next3	-	-	3	4
Next3 Rack	-	-	3	4
VT-40	1	1	-	-
VT-65	1	1	-	-
VT-80	1	1	-	-
VS-70	1	1	-	-
VS-120	2	2	-	-

Steca Xtender

Steca Xtender	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
XTS 1400-48	1	1	1	2
XTM 2600-48	1	1	1	3
XTM 4000-48	1	2	2	3

XTH 6000-48	1	2	3	4
XTH 8000-48	1	3	3	6

Deye

Deye	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
SUN-3.6K-SG01LP1-EU	1	1	-	-
SUN-5K-SG01LP1-EU	1	2	-	-
SUN-6K-SG01LP1-EU	1	2	-	-
SUN-7.6K-SG01LP1-EU	1	2	-	-
SUN-8K-SG01LP1-EU	1	2	-	-
SUN-12K-SG01LP1-EU	2	3	-	-
SUN-14K-SG01LP1-EU	3	4	-	-
SUN-16K-SG01LP1-EU	3	4	-	-
SUN-7.6K-SG02LP1-EU-AM2	1	2	-	-
SUN-8K-SG02LP1-EU-AM2	2	2	-	-
SUN-10K-SG02LP1-EU-AM3	2	3	-	-
SUN-12K-SG02LP1-EU-AM3	2	3	-	-
SUN-3.6K-SG03LP1-EU	1	1	-	-
SUN-5K-SG03LP1-EU	2	2	-	-
SUN-5K-SG04LP3-EU	-	-	1	2
SUN-6K-SG04LP3-EU	-	-	1	2
SUN-8K-SG04LP3-EU	-	-	2	2
SUN-10K-SG04LP3-EU	-	-	2	3
SUN-12K-SG04LP3-EU	-	-	2	3
SUN-3K-SG04LP1-EU-SM1	1	1	-	-
SUN-3.6K-SG04LP1-EU-SM2	1	1	-	-
SUN-5K-SG04LP1-EU-SM2	1	2	-	-
SUN-6K-SG04LP1-EU-SM2	1	2	-	-
SUN-3K-SG04LP1-EU	1	1	-	-
SUN-3.6K-SG04LP1-EU	1	1	-	-
SUN-5K-SG04LP1-EU	1	2	-	-
SUN-6K-SG04LP1-EU	1	2	-	-
SUN-3.6K-SG05LP1-EU	1	1	-	-
SUN-5K-SG05LP1-EU	1	2	-	-
SUN-6K-SG05LP1-EU	1	2	-	-
SUN-7K-SG05LP1-EU	2	2	-	-

SUN-7.6K-SG05LP1-EU	2	2	-	-
SUN-8K-SG05LP1-EU	2	2	-	-
SUN-3.6K-SG05LP1-EU-SM2	1	1	-	-
SUN-5K-SG05LP1-EU-SM2	1	2	-	-
SUN-6K-SG05LP1-EU-SM2	1	2	-	-
SUN-7K-SG05LP1-EU-SM2	2	2	-	-
SUN-7.6K-SG05LP1-EU-SM2	2	2	-	-
SUN-8K-SG05LP1-EU-SM2	2	2	-	-
SUN-3K-SG05LP3-EU	-	-	1	1
SUN-4K-SG05LP3-EU	-	-	1	1
SUN-5K-SG05LP3-EU-SM2	-	-	1	2
SUN-6K-SG05LP3-EU-SM2	-	-	1	2
SUN-8K-SG05LP3-EU-SM2	-	-	2	2
SUN-10K-SG05LP3-EU-SM2	-	-	2	3
SUN-12K-SG05LP3-EU-SM2	-	-	2	3
SUN-14K-SG05LP3-EU-SM2	-	-	3	4
SUN-15K-SG05LP3-EU-SM2	-	-	3	4
SUN-16K-SG05LP3-EU-SM2	-	-	4	4
SUN-18K-SG05LP3-EU-SM2	-	-	4	5
SUN-20K-SG05LP3-EU-SM2	-	-	4	6
SUN-5K-SG01LP1-US	1	2	-	-
SUN-6K-SG01LP1-US	1	2	-	-
SUN-7.6K-SG01LP1-US	1	2	-	-
SUN-8K-SG01LP1-US	1	3	-	-
SUN-12K-SG04LP1-US	2	4	-	-
SUN-15K-SG04LP1-US	2	6	-	-

Noark

Noark	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
Ex9N-DH-3KS-AU	1	1	-	-
Ex9N-DH-3KS-24-AU	1	1	-	-
Ex9N-DH-3.6KS-AU	1	1	-	-
Ex9N-DH-5KS-AU	1	2	-	-
Ex9N-DH-6KS-AU	1	2	-	-
Ex9N-DH-7.6KS-AU	1	2	-	-
Ex9N-DH-8KS-AU	1	3	-	-

Ex9N-DH-5KT-AU	-	-	1	2
Ex9N-DH-6KT-AU	-	-	1	2
Ex9N-DH-8KT-AU	-	-	1	3
Ex9N-DH-10KT-AU	-	-	1	3
Ex9N-DH-12KT-AU	-	-	1	4

Goodwe

Goodwe	Single-phase		Three-phase	
	On Grid	Off Grid	On Grid	Off Grid
GW3000-ES-20	1	1	-	-
GW3600-ES-20	1	1	-	-
GW3600M-ES-20	1	1	-	-
GW5000-ES-20	1	2	-	-
GW5000M-ES-20	1	1	-	-
GW6000-ES-20	1	2	-	-
GW6000M-ES-20	1	2	-	-
GW8000-ES-C10	2	2	-	-
GW10K-ES-C10	2	3	-	-
GW12K-ES-C10	3	3	-	-
GW3648D-ES	1	1	-	-
GW5048D-ES	1	1	-	-
GW3048-EM	1	1	-	-
GW3648-EM	1	1	-	-
GW5048-EM	1	1	-	-
GW3600S-BP	1	1	-	-
GW5000S-BP	1	2	-	-
GW2500-BP	1	1	-	-
GW3600-SBP-20 (G2)	1	1	-	-
GW5000-SBP-20 (G2)	2	2	-	-
GW6000-SBP-20 (G2)	2	2	-	-

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