



Battery-Box Premium LVL 15.4 Minimum Configuration List

Version 1.0

Contents

1. Minimum Configuration List of On Grid Single Phase/ Three Phase.....	3
2. Minimum Configuration List of Off Grid Single Phase	4
3. Minimum Configuration List of Off Grid Three Phase	5
Contact Information	6

1. Minimum Configuration List of On Grid Single Phase / Three Phase

BYD Battery-Box Premium	Minimum Configuration for Single Phase (System Numbers)	Minimum Configuration for Three Phase (System Numbers)	Compatible Inverter Brand	Single Phase/ Three Phase
LVL 15.4	≥1	≥1	SMA	SI 3.0M
	≥1	≥1		SI 4.4M
	≥1	≥1		SI 6.0M
	≥1	≥1		SI 8.0M
	≥1	≥1	Victron	Multipius 48/3000/35
	≥1	≥1		Multipius 48/5000/70
	≥1	≥1		Multigrid 48/3000/35
	≥1	≥1		Quattro 48/5000/70-100/100
	≥1	≥1		Quattro 48/8000/110-100/100
	≥1	≥1		Quattro 48/10000/140- 100/100
	≥1	≥1		Quattro 48/15000/200- 100/100
	≥1	≥1		Easysolar 48/3000/35-50 MPPT150/70
	≥1	≥1		Easysolar 48/5000/70-100 MPPT150/100
	≥1	≥1		Selectronic
	≥1	≥1	SPMC482-AU	
	≥1	\	GoodWe	GW3648D-ES
	≥1	\		GW5048D-ES
	≥1	\		GW2500-BP
	≥1	\		GW3048-EM
	≥1	\		GW3648-EM
≥1	\	GW5048-EM		
≥1	\	GW3600S-BP		
≥1	\	GW5000S-BP		

2. Minimum Configuration List of Off Grid Single Phase

BYD Battery-Box Premium	Minimum Configuration (System Numbers)	Compatible Inverter Brand	Single Phase
LVL 15.4	≥1	SMA	SI 3.0M
	≥1		SI 4.4M
	≥1		SI 6.0M
	≥1		SI 8.0M
	≥1	Victron	Multipus 48/3000/35
	≥1		Multipus 48/5000/70
	≥1		Multigrid 48/3000/35
	≥1		Quattro 48/5000/70-100/100
	≥1		Quattro 48/8000/110-100/100
	≥1		Quattro 48/10000/140- 100/100
	≥2		Quattro 48/15000/200- 100/100
	≥1		Easysolar 48/3000/35-50 MPPT150/70
	≥1		Easysolar 48/5000/70-100 MPPT150/100
	≥1		Selectronic
	≥1	SPMC482-AU	
	≥1	GoodWe	GW3648D-ES
	≥1		GW5048D-ES
	≥1		GW3048-EM
	≥1		GW3648-EM
	≥1		GW5048-EM

3. Minimum Configuration List of Off Grid Three Phase

BYD Battery-Box Premium	Minimum Configuration for Typical Use (System Numbers)	Minimum Configuration for Inrush Power Use (System Numbers)	Compatible Inverter Brand	Three Phase	Remarks for Inrush Power
LVL 15.4	≥1	≥2	SMA	SI 3.0M	
	≥1	≥2		SI 4.4M	5.5kw 3 seconds
	≥2	≥3		SI 6.0M	11kw 3 seconds
	≥2	≥3		SI 8.0M	
	≥1	≥2	Victron	Multiplus 48/3000/35	6kw 5 seconds
	≥2	≥2		Multiplus 48/5000/70	10kw 5 seconds
	≥1	≥2		Multigrid 48/3000/35	6kw 5 seconds
	≥2	≥2		Quattro 48/5000/70-100/100	10kw 5 seconds
	≥2	≥3		Quattro 48/8000/110-100/100	16kw 5 seconds
	≥3	≥4		Quattro 48/10000/140- 100/100	20kw 5 seconds
	≥4	≥6		Quattro 48/15000/200- 100/100	25kw 5 seconds
	≥1	≥1		Easysolar 48/3000/35-50 MPPT150/70	6kw 5 seconds
	≥2	≥2		Easysolar 48/5000/70-100 MPPT150/100	10kw 5 seconds
	≥1	≥2		Selectronic	SPMC481-AU
	≥2	≥3	SPMC482-AU		18kw 30 seconds

Note for Inrush Power: Each inverter has their inrush power for off grid applications. Please make sure to consult the inverter manufacturer for the right value of correspondences.

Contact Information

Australia Alps Power Pty Ltd
Mailbox: service@alppower.com.au
Telephone: +61 2 8005 6688
Address: 14/47-51 Lorraine St Peakhurst NSW 221
Website: www.alppower.com.au

Europe EFT-Systems GmbH
Mailbox: service@eft-systems.de
Telephone: +49 9352 8523999
Address: Buchenstr, Bruchtannenstraße 28, 63801 Kleinostheim
Website: www.eft-systems.de

South Africa SOLARVILLAGE(PTY)LTD
Mailbox: support@afriplusenergy.co.za
Telephone: + 27 83 3755 486
Address: UNIT 45 DENNEKAMP, SAILSBURY ROAD,
KENILWORTH, CAPE TOWN, WESTERN CAPE, 7708

Others BYD Headquarters
Mailbox: bboxservice@byd.com
Telephone: +86 755 89888888-47175
Address: No.3009,BYD Road, Pingshan,Shenzhen,5118118,P.R.China
Website: www.bydbatterybox.com
Social media link:
<https://www.facebook.com/BatteryBoxBYD/>
https://twitter.com/BYD_BatteryBox
<https://www.linkedin.com/company/byd-battery-box>
