



## Battery-Box Premium LVL Minimum Configuration List

- DE: Battery-Box Premium LVL Mindestkonfigurationsliste
- ES: Battery-Box Premium LVL tabla de configuración mínima
- IT: Battery-Box Premium LVL Lista di Configurazione Minima

Version 1.0



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

DE: Minimale Konfiguration ON Grid, 1- / 3- phasig

ES: Configuración mínima para sistemas conectados a red monofásicos y trifásicos

IT: Configuración mínima para sistemas conectados a red monofásicos y trifásicos

Minimum Configuration for Single Phase DE: Minimale Konfiguration für eine Phase ES: Cantidad mínima de baterías para sistemas monofásicos IT: Lista di Configurazione Minima Monofase	Minimum Configuration for Three Phase DE: Minimale Konfiguration für drei Phasen ES: Cantidad mínima de unidades para sistemas trifásicos IT: Lista di Configurazione Minima Trifase	Compatible Inverter (1- / 3-phase) DE: Kompatibler Wechselrichter ES: Inversores compatibles IT: Inverter compatibile	Inverter Brand DE: Wechselrichtermarke ES: Marca de inversores IT: Marchio dell'inverter
≥1 x LVL 15.4	≥1 x LVL 15.4	SI 3.0M	SMA
≥1 x LVL 15.4	≥1 x LVL 15.4	SI 4.4M	
≥1 x LVL 15.4	≥1 x LVL 15.4	SI 6.0M	
≥1 x LVL 15.4	≥1 x LVL 15.4	SI 8.0M	
≥1 x LVL 15.4	≥1 x LVL 15.4	Multiplus 48/3000/35	Victron
≥1 x LVL 15.4	≥1 x LVL 15.4	Multiplus 48/5000/70	
≥1 x LVL 15.4	≥1 x LVL 15.4	Multigrid 48/3000/35	
≥1 x LVL 15.4	≥1 x LVL 15.4	Quattro 48/5000/70-100/100	
≥1 x LVL 15.4	≥1 x LVL 15.4	Quattro 48/8000/110-100/100	
≥1 x LVL 15.4	≥1 x LVL 15.4	Quattro 48/10000/140- 100/100	
≥1 x LVL 15.4	≥1 x LVL 15.4	Quattro 48/15000/200- 100/100	
≥1 x LVL 15.4	≥1 x LVL 15.4	Easysolar 48/3000/35-50 MPPT150/70	
≥1 x LVL 15.4	≥1 x LVL 15.4	Easysolar 48/5000/70-100 MPPT150/100	
≥1 x LVL 15.4	≥1 x LVL 15.4	SPMC481-AU	
≥1 x LVL 15.4	≥1 x LVL 15.4	SPMC482-AU	
≥1 x LVL 15.4	\	GW3648D-ES	GoodWe
≥1 x LVL 15.4	\	GW5048D-ES	
≥1 x LVL 15.4	\	GW2500-BP	
≥1 x LVL 15.4	\	GW3048-EM	
≥1 x LVL 15.4	\	GW3648-EM	
≥1 x LVL 15.4	\	GW5048-EM	
≥1 x LVL 15.4	\	GW3600S-BP	
≥1 x LVL 15.4	\	GW5000S-BP	

## 2. Minimum Configuration List OFF Grid / Backup, Single Phase

DE: Minimale Konfiguration Off Grid / Notstrom, 1- phasig

ES: Configuración mínima para sistemas aislados monofásicos

IT: Elenco di configurazione minima della monofase off grid

Minimum Configuration DE: Minimale Konfiguration für eine Phase ES: Cantidad mínima de baterías para sistemas monofásicos IT: Configurazione minima	Single Phase DE: Einphasig ES: Monofásico IT: Monofase	Compatible Inverter Brand DE: Kompatible Wechselrichtermarke ES: Inversores compatibles IT: Inverter compatibile
≥ 1 x LVL 15.4	SI 3.0M	SMA
≥ 1 x LVL 15.4	SI 4.4M	
≥ 1 x LVL 15.4	SI 6.0M	
≥ 1 x LVL 15.4	SI 8.0M	
≥ 1 x LVL 15.4	Multiplus 48/3000/35	Victron
≥ 1 x LVL 15.4	Multiplus 48/5000/70	
≥ 1 x LVL 15.4	Multigrid 48/3000/35	
≥ 1 x LVL 15.4	Quattro 48/5000/70-100/100	
≥ 1 x LVL 15.4	Quattro 48/8000/110-100/100	
≥ 1 x LVL 15.4	Quattro 48/10000/140- 100/100	
≥ 2 x LVL 15.4	Quattro 48/15000/200- 100/100	
≥ 1 x LVL 15.4	Easysolar 48/3000/35-50 MPPT150/70	
≥ 1 x LVL 15.4	Easysolar 48/5000/70-100 MPPT150/100	Selectronic
≥ 1 x LVL 15.4	SPMC481-AU	
≥ 1 x LVL 15.4	SPMC482-AU	GoodWe
≥ 1 x LVL 15.4	GW3648D-ES	
≥ 1 x LVL 15.4	GW5048D-ES	
≥ 1 x LVL 15.4	GW3048-EM	
≥ 1 x LVL 15.4	GW3648-EM	
≥ 1 x LVL 15.4	GW5048-EM	

### 3. Minimum Configuration List of OFF Grid / Backup, Three Phase

DE: Minimale Konfiguration Off Grid / Notstrom, 3- phasig  
 ES: Configuración mínima para sistemas aislados trifásicos  
 IT: Elenco di configurazione minima di Off Grid trifase

Minimum Configuration for Typical Use DE: Minimale Konfiguration für den typischen Gebrauch ES: Cantidad mínima de unidades para sistemas trifásicos para uso convencional IT: Configurazione minima per uso tipico	Minimum Configuration for Inrush Power Use DE: Minimale Konfiguration für hohe Einschaltströme ES: Cantidad mínima de unidades para soportar picos de corriente máximos IT: Configurazione Minima per Potenza di Pico Ammisibile	Three Phase DE: Dreiphasig ES: Tres fases IT: Trifase	Remarks for Inrush Power DE: Anmerkungen zu Einschaltströmen ES: Pico de corriente permitido por el modelo de inversor IT: Commenti per Potenza di Pico Ammisibile	Compatible Inverter Brand DE: Wechselrichtermarke ES: Marca de inversores IT: Marchio dell'inverter
≥ 1 x LVL 15.4	≥ 2 x LVL 15.4	SI 3.0M		SMA
≥ 1 x LVL 15.4	≥ 2 x LVL 15.4	SI 4.4M	5.5kw 3 seconds	
≥ 2 x LVL 15.4	≥ 3 x LVL 15.4	SI 6.0M	11kw 3 seconds	
≥ 2 x LVL 15.4	≥ 3 x LVL 15.4	SI 8.0M		
≥ 1 x LVL 15.4	≥ 2 x LVL 15.4	Multiplus 48/3000/35	6kw 5 seconds	Victron
≥ 2 x LVL 15.4	≥ 2 x LVL 15.4	Multiplus 48/5000/70	10kw 5 seconds	
≥ 1 x LVL 15.4	≥ 2 x LVL 15.4	Multigrid 48/3000/35	6kw 5 seconds	
≥ 2 x LVL 15.4	≥ 2 x LVL 15.4	Quattro 48/5000/70-100/100	10kw 5 seconds	
≥ 2 x LVL 15.4	≥ 3 x LVL 15.4	Quattro 48/8000/110-100/100	16kw 5 seconds	
≥ 3 x LVL 15.4	≥ 4 x LVL 15.4	Quattro 48/10000/140- 100/100	20kw 5 seconds	
≥ 4 x LVL 15.4	≥ 6 x LVL 15.4	Quattro 48/15000/200- 100/100	25kw 5 seconds	
≥ 1 x LVL 15.4	≥ 1 x LVL 15.4	Easysolar 48/3000/35-50 MPPT150/70	6kw 5 seconds	
≥ 2 x LVL 15.4	≥ 2 x LVL 15.4	Easysolar 48/5000/70-100 MPPT150/100	10kw 5 seconds	Selectronic
≥ 1 x LVL 15.4	≥ 2 x LVL 15.4	SPMC481-AU	12kw 30 seconds	
≥ 2 x LVL 15.4	≥ 3 x LVL 15.4	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.  
 DE: Hinweis zu Einschaltströmen: Jeder Wechselrichter hat seine Einschaltströme für OFF-Grid /Notstrom Anwendungen. Bitte erkundigen Sie sich beim Hersteller des Wechselrichters nach dem richtigen Korrespondenzwert.

ES: Nota sobre los picos de corriente: Cada inversor presenta unas características distintas con respecto a los picos de corriente permitidos así que es recomendable consultar con el fabricante de inversores que la información de esta tabla es la más reciente.

IT: Note per Potenza di Pico Ammisibile: ogni inverter ha la sua Potenza di Pico Ammisibile per applicazioni in isola (Off-Grid). Consulta i valori correspondent dell'inverter usato.

# Contact Information

Kontaktinformationen

Información de contacto

Informazioni sui contatti

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South Africa	SOLARVILLAGE(PTY)LTD Mailbox: <a href="mailto:support@afriplusenergy.co.za">support@afriplusenergy.co.za</a> Telephone: + 27 83 3755 486  Address: Unit 45 Dennekamp, Sailsbury road, Kenilworth, Cape Town, Western Cape, 7708	Others	BYD Headquarters Mailbox: <a href="mailto:bboxservice@byd.com">bboxservice@byd.com</a> Telephone: +86 755 89888888-47175 Address: No.3009,BYD Road, Pingshan,Shenzhen,5118118,P.R.China Website: <a href="http://www.bydbatterybox.com">www.bydbatterybox.com</a> Social media link: <a href="https://www.facebook.com/BatteryBoxBYD/">https://www.facebook.com/BatteryBoxBYD/</a> <a href="https://twitter.com/BYD_BatteryBox">https://twitter.com/BYD_BatteryBox</a> <a href="https://www.linkedin.com/company/byd-battery-box">https://www.linkedin.com/company/byd-battery-box</a>

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