



Summary of solutions for Battery Backup Systems



This document has been prepared for the nominated recipients(s). No copies of this document or included information may be distributed to third parties without the expressed written permission of AWPower (Pty) Ltd. Strictly Private and Confidential

© 2022. All rights reserved. E&OE

Prepared By: AWPower
Date: 2022/05
Email: info@awpower.co.za
Telephone: 0861-111-601
Website: www.awpower.co.za

Summary of Solutions – Not Expandable with Solar

The following solutions are not capable of expanding. To include solar panels in the future.

Solar expandable solutions are on the next page.

** Please get in touch with us for a quote if your home is 3-phase.*

	Option 1	Option 2	Option 3
Phase	Single-phase	Single-phase	Single-Phase
Inverter	Mecer 1.5kVA/1.2kW 12V	Mecer 3kVA/3kW 24V	Kodak King 5kW 48V
Battery	1x 120Ah Revov 12V (1.53kWh @ 12V) LiFePO4	2x 120 Ah Revov 12V (3kWh @ 24V) LiFePO4)	1x Revov R100 4.8kWh LiFePO4 48V (LiFePO4) wall-mounted (Max continuous discharge 4kW)
Included in Cost Estimate	Installation and electrical materials included – Wired directly to DB	Installation and electrical materials included – Wired directly to DB	Installation and electrical materials included – Wired directly to DB
Excluded from Cost Estimate	Additional changes to DB outside of scope	Additional changes to DB outside of scope	Additional changes to DB outside of scope
Total System Cost Excl. VAT Incl. VAT	<i>R 25 000 R 28 750</i>	<i>R 32 000 R 36 800</i>	<i>R 54 000 R 62 100</i>
Battery Warranty Estimated Battery Life Span	3-year warranty or 2000 cycles	3-year warranty or 2000 cycles	10-year warranty or 3500 cycles / 15 year intended design life

Summary of Solutions – Expandable with Solar (DEYE inverter alternatives also available upon request)

The following solutions can be expanded with solar panels in the future.

** Please get in touch with us for a quote if your home is 3-phase.*

	Option 4	Option 5
Phase	Single-phase	Single-phase
Inverter	SunSynk 5kW 48V (incl. remote monitoring)	SunSynk 8kW 48V (incl. remote monitoring)
Battery	1x Revov R100 4.8kWh LiFePO4 48V (LiFePO4) wall-mounted (Max continuous discharge 4kW)	2x Revov R100 4.8kWh LiFePO4 48V (LiFePO4) wall-mounted (Max continuous discharge 8kW)
Included in Cost Estimate	Installation and electrical materials included – Wired directly to DB	Installation and electrical materials included – Wired directly to DB
Excluded from Cost Estimate	Additional changes to DB if necessary.	Additional changes to DB if necessary.
Total System Cost Excl. VAT Incl. VAT	<i>R63 000 R72 450</i>	<i>R99 990 R114 989</i>
Additional battery installation incl labour and materials Excl. VAT Incl. VAT	<i>R28 000 R32 200</i>	<i>R25 000 R28 750</i>

Notes:

- The above solutions are connected directly to the distribution board (DB) by our installation team. **Subject to a site-visit to confirm if additional labour and materials are required once deposit is paid on the estimated costs.**
- **If you have a three-phase supply to your property, please get in touch with us for a quote.**
- Options 1-3 are “UPS” only and are not suitable to be connected to solar in City of Cape Town. Options 4 and 5 allow solar to be added. If you are interested in a full solar solution, please get in touch with us for a customized quote.
- 50% Deposit required to secure stock and a site visit.
- Personal quotes are valid for 7 days.

Example installation

- 8kW SunSynk (single-phase system)
- 2x Revov R100 Batteries

