

SOLAR HYBRID POWER SOLUTIONS

Systems Overview and Pricing Guide

Powerful **Solar PV & Battery** systems, with quality components, designed to put your power needs first. With advanced system communications, live remote monitoring, fast-charging inverters and long-term warranties, our robust hybrid solutions provide reliable, renewable power, 24 hours a day, where and when you need it.

Assembled, programmed and tested off-site, our systems can be quickly deployed and easily shipped to site, ensuring fast and hassle-free installations.

We provide our clients with efficient and secure and renewable energy supplies, to live and work independently in an unstable energy environment.

Give us a call on 021 424 1938 for more information and a quote.



SOLAR HYBRID SOLUTIONS



Optimised for Off-Grid Independence

4.5kWp Solar with 5kWh Battery

This 5VA package includes

- 10x 450W Longi Mono Solar PV Panels
- 5kVA 48V Sunsynk Hybrid Inverter
- 5.1kWh Revov Lithium Battery
- Wall Mount Power Server (600*600*800)
- Installation & SSEG Registration

from R 99 900 ex. VAT



5.4kWp Solar with 10kWh Battery

This 5kVA package includes:

- 12x 450W Longi Mono Solar PV Panels
- 5kVA 48V Sunsynk Hybrid Inverter
- 2x 5.1kWh Revov Lithium Battery
- Power Server (600*600*1400)
- Installation & SSEG Registration

from R 121 900 ex. VAT



8.2kWp Solar with 20kWh Battery

This 8kVA package includes:

- 20x 450W Longi Mono Solar PV Panels
- 8kVA 48V Sunsynk Hybrid Inverter
- 4x 5.1kWh Revov Lithium Battery
- Power Server (600*600*1400)
- Installation & SSEG Registration

from R 179 900 ex. VAT



- **NOTE:** These prices include installation, but exclude AC electrical works



THREE-PHASE SOLUTIONS



Balanced Power for Heavy Loads

10.8kWp Solar with 15kWh Battery

This 3-Phase 10VA package includes

- 24x 450W Longi Mono Solar PV Panels
- 10kW 3-Ph 48V Sunsynk Hybrid Inverter
- 3x 5.1kWh Revov Lithium Battery
- Power Server (600*800*1400)
- Installation & SSEG Registration

from R 212 900 ex. VAT



12.6kWp Solar with 20kWh Battery

This 3-Phase 12kVA package includes:

- 28x 450W Longi Mono Solar PV Panels
- 12kVA 3-Ph 48V Sunsynk Hybrid Inverter
- 4x 5.1kWh Revov Lithium Battery
- Power Server (650*850*2100)
- Installation & SSEG Registration

from R 249 900 ex. VAT



24kWp Solar with 30kWh Battery

This 3-Phase 24kVA package includes:

- 54x 450W Longi Mono Solar PV Panels
- 2x 12kVA 3-Ph 48V Sunsynk Hybrid Inverters
- 6x 5.1kWh Revov Lithium Battery
- Power Server (1000*600*2100)
- Installation & SSEG Registration

from R 429 900 ex. VAT



- **NOTE:** These prices include installation, but exclude AC electrical works



LOADSHEDDING SOLUTIONS



Solar-ready Lithium Battery Backup Systems

5kVA with 5kWh Lithium Battery

This 5VA UPS package includes:

- 5kVA 48V Sunsynk Hybrid Inverter
- 5.1kWh Revov Lithium Battery
- Wall Mount Power Server (600*600*800)

Battery Backup time @ 80% DOD:

- 2 hours for a 2kW load
- 4 hours for 1kW load

from R 49 900 ex. VAT



8kVA with 10kWh Lithium Battery

This 8kVA UPS package includes:

- 8kVA 48V Sunsynk Hybrid Inverter
- 2x 5.1kWh Revov Lithium Battery
- Power Server (600*600*1400)

Battery Backup time @ 80% DOD:

- 2 hours for a 4kW load
- 4 hours for 2kW load

from R 84 900 ex. VAT



12kVA 3-Phase with 15kWh Lithium

This 12kVA 3-Phase UPS package includes:

- 12kVA 48V Sunsynk Hybrid Inverter
- 3x 5.1kWh Revov Lithium Battery
- Power Server (600*600*1400)

Battery Backup time @ 80% DOD:

- 2 hours for a 4kW load
- 4 hours for 2kW load

from R 126 500 ex. VAT



- **NOTE:** These prices include assembly & testing, but exclude installation & delivery



THE BLUE SUN POWER SERVER



- | | | | |
|----------|-----------------------------------|----------|-------------------------------|
| 1 | Built-in Ventilation Fans | 5 | Fuse Boxes |
| 2 | Sunsynk Hybrid Inverter | 6 | Sub-Distribution Board |
| 3 | Black Steel Power Server | 7 | Server Cabinet Lock |
| 4 | Pre-wired Solar Connectors | 8 | Revov Lithium Battery |

The Blue Sun Power Server is Pre-Configured, Assembled & Tested Off-Site for faster implementation and compact installations.

- Modular and Scalable from 5kW to 250kW
- Easily packed for shipping anywhere in Southern Africa
- Built-In Server Fans (Redundant cooling) with digital thermal controller
- Wi-Fi linked and pre-registered for online monitoring
- Full Canbus communications with Lithium batteries
- Full SUB DB AC double pole input and output breakers and Changeover bypass switch 1-0-2
- NRS 097-2-1:2010 certified



SUNSYNK FEATURES & HIGHLIGHTS

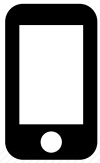


The Sunsynk hybrid inverter is an efficient power management machine. Offering all the features of a grid-tie inverter and a powerful battery inverter in one simple, affordable unit.

Available in 5kW, 8kW Single Phase and 10kW, 12kW 3-Phase models.



5 Year Inverter Warranty



Online Monitoring via Solarman App on all devices



Integrates with multiple inputs, including Generators



Solar-ready UPS, with 2 MPPTS

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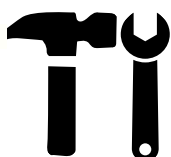
Automatic transfer to batteries during loadshedding



Lightning Fast Battery Charger



Expandable & Modular
Up to 16 units in parallel



Pre-built and configured off-site for Efficient Installations



[Download the Sunsynk Inverter Datasheet here](#)



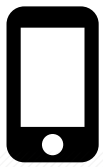
THE 3-PHASE SUNSYNK HYBRID



The Sunsynk hybrid inverter is an efficient power management machine. Offering all the features of a grid-tie inverter and a powerful battery inverter in one simple, affordable unit. This smart inverter is ideal for large residential and commercial installations.



5 Year Inverter Warranty



Online Monitoring via Solarman App on all devices



Integrates with multiple inputs, including Generators



Solar-ready UPS, with 2 MPPTS and 15 kW PV input



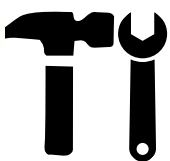
Automatic transfer to batteries during loadshedding



240 Amp Fast Battery Charger



Expandable & Modular
Up to 16 units in parallel



Pre-built and configured off-site for Efficient Installations



[Download the Sunsynk Inverter Datasheet here](#)