

# SOLAR HYBRID POWER SOLUTIONS

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## Energy Savings & Loadshedding Protection

Powerful **Solar PV & Lithium Battery** systems designed to put your power needs first. Pre-assembled in rack-mounted server kits, our robust hybrid solutions provide reliable, renewable power, 24 hours a day, where and when you need it.

Minimise Loadshedding disruptions and take control of your power. With the latest in Solar and Battery technology, our modular installations are built to last and will keep your operations running smoothly.

We are committed to after-sales service, expert engineering, and providing our clients with efficient and secure and energy supplies, to live and work independently in an unstable energy environment.

**Give us a call on 083 306 2354 for more information and a quote.**

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401 THE AVALON, 120 HOPE STREET, GARDENS, CAPE TOWN



# LOADSHEDDING SOLUTIONS



## Solar-ready Lithium Backup Systems

### 8kW Inverter with 10kWh Lithium Battery

**This 8kW UPS package includes:**

- 8kW 48V Sunsynk Hybrid Inverter
- 2x 5.1kWh Revov Lithium Battery
- Power Server Cabinet
- Cables, Fuses & Parts
- 38A AC Output, 190A Charge Current

**Battery Backup time @ 80% DOD:**

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



from R 92 000 ex. VAT

### 12kW 3-Phase Inverter with 15kWh Lithium

**This 12kW 3-Phase UPS package includes:**

- 12kVA 48V Sunsynk Hybrid Inverter
- 3x 5.1kWh Revov Lithium Battery
- Power Server Cabinet
- Cables, Fuses & Parts
- 19A AC Output, 240A Charge Current

**Battery Backup time @ 80% DOD:**

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



from R 142 000 ex. VAT

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





# SINGLE PHASE SOLUTIONS



## Optimised for Off-Grid Independence

### 5.4kWp with 8kW Hybrid Inverter & 10kWh Battery

#### This 8kW Hybrid package includes:

- 10x 545W JA Solar Solar PV Panels
- 8kW Sunsynk Hybrid Inverter
- 2x 5.1kWh Revov Lithium Battery
- Power Server Cabinet
- Installation & SSEG Registration

#### Performance Highlights:

- 2 hrs Backup for 4kW load @ 80% DOD
- 38A AC Output, 190A Charge Current
- 10000W Max PV Input



from R 153 000 ex. VAT

### 10.8kWp with 16kW Hybrid Inverter & 20kWh Battery

#### This 16kW Hybrid package includes:

- 20x 545W JA Solar PV Panels
- 16kW Sunsynk MAX Hybrid Inverter
- 4x 5.1kWh Revov Lithium Battery
- Power Server Cabinet
- Installation & SSEG Registration

#### Performance Highlights:

- 2 hrs Backup for 8kW load @ 80% DOD
- 70A AC Output, 240A Charge Current
- 16000W Max PV Input



from R 295 000 ex. VAT

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



# THREE-PHASE SOLUTIONS



## Optimised for Off-Grid Independence

### 8.7 kWp with 12kW 3Ph Hybrid Inverter & 15kWh Battery

#### This 12kW 3-Phase package includes:

- 16x 545W JA Solar PV Panels
- 12kW 3-Ph 48V Sunsynk Hybrid Inverter
- 3x 5.1kWh Revov Lithium Battery
- Black Steel Server Cabinet
- Installation & SSEG Registration

#### Performance Highlights:

- 2 hrs Backup for 6kW load @ 80% DOD
- 19A AC Output, per phase
- 240A Charge Current
- 15kW Max PV Input



from R 240 000 ex. VAT

### 13 kWp with 24kW 3Ph Hybrid Inverter & 30kWh Battery

#### This 3-Phase 12kW package includes:

- 24x 545W JA Solar PV Panels
- 2x12kW 3-Ph 48V Sunsynk Hybrid Inverter
- 6x 5.1kWh Revov Lithium Battery
- Black Steel Server Cabinet
- Installation & SSEG Registration

#### Performance Highlights:

- 2 hrs Backup for 12kW load @ 80% DOD
- 38A AC Output, per phase
- 240A Charge Current
- 30kW Max PV Input



from R 390 000 ex. VAT

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



# THE BLUE SUN POWER SERVER



**1 Built-in Ventilation Fans**

**2 Sunsynk Hybrid Inverter**

**3 Black Steel Power Server**

**4 Pre-wired Solar Connectors**

**5 Fuse Boxes**

**6 Sub-Distribution Board**

**7 Server Cabinet Lock**

**8 Revov Lithium Battery**

**All our solutions are Pre-Assembled & Tested Off-Site, for quick and simple installations by our experienced electricians.**

- Modular and Scalable from 5kW to 250kW+
- Easily packed for shipping anywhere in Southern Africa
- Built-In Server Fans with digital thermostat
- Sunsynk Wi-Fi dongle pre-registered for online monitoring
- Full Canbus Battery Management System (BMS)
- NRS 097-2-1:2010 certified



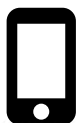
## THE 3-PHASE SUNSYNK HYBRID



The Sunsunk 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 Sunsunk App



Integrates with  
Generators



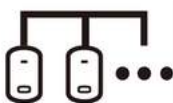
Solar-ready UPS,  
with 15kW PV input



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



### Please Note:

- All prices are exclusive of VAT.
- Prices are subject to change without prior notice and are subject to stock availability.
- Lead time on all projects is 2-4 weeks from date of deposit
- Performance parameters are mathematically derived and will vary according to site conditions
- Installation costs are within 50km of Cape Town. Installation costs are subject to Site Inspection.
- Installation costs exclude AC Electrical works and COC
- All site must have an existing WiFi connection





## PROJECT PORTFOLIO



21kW Solar + 40kWh Lithium  
Sea Point, Cape Town



20kW Solar + 20kWh Lithium  
Dunoon Interchange, Western Cape



45kW Solar Langvlakte,  
Riversdale, Western Cape



19kW Solar + 30kWh Lithium  
Camps Bay, Cape Town



15KW Solar + 20kWh Lithium  
Bishopscourt, Cape Town



100kW Solar The Foschini Group,  
Caledon, Western Cape

### Our Clients include:

