

energyon

renewable energy power solutions



Small & Medium **BUSINESS** **Solar & Battery**

Energy independence for businesses to stay powered and maximise profits in the long run.



PVGreenCard
Certified Installers

Your Business's Future With EnergyOn



In an era where efficiency and profitability matter most, EnergyOn is your trusted partner to overcome power challenges. By embracing our cutting-edge energy solutions, businesses can secure their future, lower operating costs, and embark on a sustainable path to success.

Every system and component provided by EnergyOn comes with a warranty ranging from 5 to 20 years. Our commitment extends beyond the initial installation – ongoing monitoring, maintenance and support ensure that your investment retains production and performance. EnergyOn collaborates with major banks and private funders to offer flexible OPEX payment models, ensuring a positive cash flow from day one. Our detailed financial calculations mitigate financial risks, accounting for various load shedding scenarios, seasonal weather variations, energy consumption patterns and operational requirements.



15 Years

Experience in the solar PV & power backup industry



CoC

Receive a Certificate of Compliance by Qualified Professionals



Financing

Pay monthly in affordable installments



Support

Ongoing support after installation for optimal performance

Our Trusted Partners



Diesel Generator vs Inverter & Battery System

Because of prohibitive costs to operate a profitable business using a diesel generator during load shedding and other outages, businesses need to look at new ways to stay productive and powered in South Africa.

A Smarter Energy Solution: Install a Commercial Inverter & Battery Backup System

South African businesses are facing the brunt of rising energy costs and unpredictable power supply by the grid. Switching to a commercial inverter and battery backup system from EnergyOn is a more cost-effective alternative to the costly and unreliable diesel generators that have been the traditional go-to for backup power. Diesel generators require a lower initial investment, but because of the high operational running costs, is not a financially viable solution for load shedding or other frequent or prolonged outages. As your reliable energy partner, we offer a comprehensive solution that not only ensures an uninterrupted power supply but also maximises your savings and operational efficiency.



The High Costs of Running a Diesel Generator



Running a diesel generator during load shedding is costing businesses over R10 per kWh of energy, making it an unsustainable and expensive choice. With fuel prices subject to fluctuating exchange rates and uncertain global market conditions, the unpredictability of costs adds to the financial strain. Eskom's costs of about R3.00 per kWh is much lower, but its unreliability necessitates a backup solution for businesses to keep operating. With over 225 hours of load shedding per month during Stage 4, the costs of running a diesel generator have rendered it unviable for maintaining profitability in a business.

Transitioning towards an Efficient Solution

While economic pressures continue to mount, businesses are exploring innovative ways to cut costs and boost profits. Diesel generators, intended for low-duty cycles, are unsuitable for frequent load shedding stages. The surge in grid-tied solar PV installations over recent years has proven a wise investment for many, with a return on investment (ROI) of an average of 2-4 years. However, traditional grid-tie systems cease operation during load shedding, reducing their effectiveness and savings potential. This is not the case with hybrid or battery storage systems.

Securing your Business's Future in South Africa

With load shedding predicted to escalate in South Africa due to insufficient new generation capacity and aging infrastructure, businesses must adapt for sustainability. As Eskom's revenue diminishes with more customers shifting to alternative power sources, the burden falls on the declining remaining customers to fund its operations. This chain reaction results in increased electricity rates, further driving businesses towards solar solutions to avoid the cycle.

EnergyOn's Solution

EnergyOn's advanced battery backup energy storage solutions for businesses offer a game-changing approach to navigating power challenges. The latest LFP (LiFePO4) lithium batteries, capable of fast charging and discharging with up to 6000 cycles and 10 years warranty, present a dependable energy source. These batteries, accompanied by advanced inverter systems, enable businesses to install substantial energy storage capacities ranging from 100kWh to multiple MWh, effectively sustaining operations during load shedding and outages.

Make your existing Solar PV System work during load shedding

Expanding your existing grid-tied solar PV system with a Battery Energy Storage System (BESS) unlocks new dimensions of efficiency. Overcoming the limitations of "grid following" grid-tied solar PV systems during power outages, the BESS seamlessly continues to power your business, without the need to start your diesel generator. Our BESS systems can, on a cloudy day and when the battery starts running low, automatically start and stop your diesel generator to optimally recharge your battery, saving you on diesel and maintenance costs. A BESS also provides advantages like load shifting, peak shaving and power factor correction, contributing to even more financial gains.

EnergyOn's adaptable approach allows businesses to invest as budgets allow, with the option to expand to a completely off-grid system in the future.

The Benefits of Investing in a Commercial Solar & Battery Backup Power System

Finance your investment with EnergyOn, start saving immediately and maximise long-term sustainable profits.

Energy Independence For Businesses To Stay Powered & Productive

We understand the impact of power interruptions, high inflation, and ongoing overhead expenses on businesses in South Africa at the moment. Our solutions offer reliable power backup and long-term cost savings tailored to your business's financial needs.



Power Your Business Success With An Additional Solar PV System

Solar PV offers reliable and sustainable electricity, substantially cutting operational expenses, including the high costs of running diesel generators. By investing in solar PV, you can recover your investment within 5 to 10 years and enjoy decades of virtually cost-free electricity, maximising profits and long-term savings.



Optimise Your Cashflow With Flexible Financing Options

Recognising the financial hurdle of shifting to alternative energy for businesses, EnergyOn introduces monthly payment options for easier adoption. Financing your solar PV system, in some use cases, can lead to immediate positive cash flow compared to your current expenses and new monthly system costs, ensuring you start saving right away.



Quality & Safety Is Our Top Priority

EnergyOn's dedication to superior quality is evident in our rigorous adherence to SANS electrical standards, SAPVIA-certified PV GreenCard status and full alignment with SANS 10400 Building and Fire Regulations. Our seasoned experts conduct installations with precision, offering an Electrical Certificate of Compliance (CoC) upon completion. Our expertise and experience guarantee top-tier safety and quality with every installation, giving you peace of mind and uninterrupted business operations.



Long-Term Reliability & Ongoing Support

We stand behind the quality and performance of our systems. All EnergyOn systems and components come with a 5 to 20 year warranty, ensuring peace of mind and long-term reliability. We also provide ongoing support after the initial installation, remotely monitoring your system performance, and maintenance, providing training, answering any questions you may have and advising you on how you can get the best return on your investment.

FULLY INSTALLED

12kW 3-Phase Hybrid Inverter with 15.97 kWh Lithium Battery



- ✓ 12kW 3-Phase SunSynk Hybrid Inverter
- ✓ 15.97kWh SunSynk Lithium Battery
- ✓ AC Distribution Board
- ✓ Cables & Trunking
- ✓ Surge Protection
- ✓ Monitor from your phone
- ✓ Installation & Electrical COC
- ✓ Optionally add Solar PV



R3 660 pm
or R154 790 once-off



Receive a Certificate of Compliance by Qualified Professionals



Pay monthly in affordable installments



Ongoing support after installation for optimal performance

Upgrade Battery Storage

OPTION	PRICE excl. VAT
to 21.3kWh	Add R800 pm or R33 470 once-off
to 31.94kWh	Add R2 000 pm or R84 300 once-off
to 47.91kWh	Add R3 990 pm or R168 590 once-off
to 63.88kWh	Add R5 980 pm or R252 890 once-off
to 79.85kWh	Add R7 970 pm or R337 180 once-off
to 95.82kWh	Add R9 960 pm or R421 480 once-off
to 111.79kWh	Add R11 950 pm or R505 770 once-off
to 127.76kWh	Add R13 940 pm or R590 070 once-off

+ Add Solar PV to your System (page 8)



PREVIOUS INSTALLATION

FULLY INSTALLED

24kW 3-Phase Hybrid Inverter with 31.2 kWh Lithium Battery



- ✓ 2 x 12kW 3-Phase SunSynk Hybrid Inverters
- ✓ 2 x 15.97kWh SunSynk Lithium Batteries
- ✓ AC Distribution Board
- ✓ Cables & Trunking
- ✓ Surge Protection
- ✓ Monitor from your phone
- ✓ Installation & Electrical COC
- ✓ Optionally add Solar PV



R6 990 pm
or R295 780 once-off



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Upgrade Battery Storage

OPTION	PRICE excl. VAT
to 47.91kWh	Add R2 000 pm or R84 300 once-off
to 63.88kWh	Add R3 490 pm or R147 350 once-off
to 79.85kWh	Add R5 230 pm or R221 030 once-off
to 95.82kWh	Add R6 970 pm or R294 700 once-off
to 111.79kWh	Add R8 710 pm or R368 380 once-off
to 127.76kWh	Add R10 450 pm or R442 060 once-off

+ Add Solar PV to your System (page 8)



PREVIOUS INSTALLATION

FULLY INSTALLED

50kW 3-Phase Hybrid Inverter with 61.44 kWh Lithium Battery

- ✓ 50kW 3-Phase SunSynk Hybrid Inverter
- ✓ 61.44kWh SunSynk Lithium Battery
- ✓ AC Distribution Board
- ✓ Cables & Trunking
- ✓ Surge Protection
- ✓ Monitor from your phone
- ✓ Installation & Electrical COC
- ✓ Optionally add Solar PV

R12 140 pm

or R513 590 once-off



83A 3P



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Upgrade Battery Storage

OPTION	PRICE excl. VAT
to 80kWh	Add R2 870 pm or <i>R121 210 once-off</i>
to 123kWh	Add R8 440 pm or <i>R356 960 once-off</i>
to 160kWh	Add R12 380 pm or <i>R524 050 once-off</i>
to 240kWh	Add R22 270 pm or <i>R942 700 once-off</i>
to 320kWh	Add R32 160 pm or <i>R1 361 350 once-off</i>
to 400kWh	Add R42 050 pm or <i>R1 780 000 once-off</i>
to 480kWh	Add R51 940 pm or <i>R2 198 650 once-off</i>

+ Add Solar PV to your System (page 8)



PREVIOUS INSTALLATION

FULLY INSTALLED

100kW 3-Phase Hybrid Inverter

with 122.8 kWh Lithium Battery



- ✓ 2 x 50kW 3-Phase SunSynk Hybrid Inverters
- ✓ 2 x 61.44kWh SunSynk Lithium Batteries
- ✓ AC Distribution Board
- ✓ Cables & Trunking
- ✓ Surge Protection
- ✓ Monitor from your phone
- ✓ Installation & Electrical COC
- ✓ Optionally add Solar PV



⚡ 166A 3P

R23 490 pm

or R994 410 once-off



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Upgrade Battery Storage

OPTION	PRICE excl. VAT
to 160kWh	Add R5 730 pm or R242 420 once-off
to 246kWh	Add R16 870 pm or R713 920 once-off
to 320kWh	Add R24 760 pm or R1 048 100 once-off
to 369kWh	Add R29 600 pm or R1 253 000 once-off
to 492kWh	Add R44 400 pm or R1 879 500 once-off
to 640kWh	Add R64 320 pm or R2 722 700 once-off



+ Add Solar PV to your System (page 8)

PREVIOUS INSTALLATION

+ Add Solar PV to your System

- ✓ Solar PV Modules
- ✓ Roof mounting structure
- ✓ Surge Protection
- ✓ Cabling
- ✓ Installation



OPTION	PV YIELD*	PRICE excl. VAT
7.7kW Solar PV Installed	Generate 1 219kWh / month*	Add R1 690 pm or R71 360 once-off
15.4kW Solar PV Installed	Generate 2 438kWh / month*	Add R3 250 pm or R137 520 once-off
23.1kW Solar PV Installed	Generate 3 658kWh / month*	Add R4 880 pm or R206 280 once-off
30.8kW Solar PV Installed	Generate 4 877kWh / month*	Add R6 500 pm or R275 030 once-off
35.2kW Solar PV Installed	Generate 5 573kWh / month*	Add R7 160 pm or R303 030 once-off
70.4kW Solar PV Installed	Generate 11 147kWh / month*	Add R14 320 pm or R606 060 once-off
105.6kW Solar PV Installed	Generate 16 720kWh / month*	Add R21 480 pm or R909 090 once-off
140.8kW Solar PV Installed	Generate 22 293kWh / month*	Add R28 640 pm or R1 212 120 once-off

INVERTER / SOLAR COMPATIBILITY CHART				
Solar PV	12kW	24kW	50kW	100kW
7.7kW (14)	✓	✓	✓	✓
15.4kW (28)	✓	✓	✓	✓
23.1kW (42)		✓	✓	✓
30.8kW (56)		✓	✓	✓
35.2kW (64)			✓	✓
70.4kW (128)			✓	✓
105.6kW (192)				✓
140.8kW (256)				✓



Ground PV Structure (optional)
R2 750 per kWp (Installed) *excl. VAT*



Fixed Tilt Roof Structure for Flat Roof (optional)
R2 500 per kWp (Installed) *excl. VAT*

Contact Us Now

Get in touch so that we can discuss the various options that suits your requirements.



Available Nationwide (South Africa)

Additional travel/accommodation may apply for installations outside of the major cities in SA.



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Terms & Conditions:

- All pricing excludes VAT @ 15%.
- Once-off/Cash option payment terms: 70% on order. 20% before delivery/installation. 10% on completion of installation.
- Pricing is valid for installations in and around all South African metros and large towns.
- Inverter & Batteries within 10m of existing AC DB.
- Rooftop solar PV on the same building, within 50m of the inverter.
- Additional electrical/generator changes/work/hardware (if any) not included.
- Supplementary Electrical COC for EnergyOn installation and not for any existing electrical installations. We require a copy of the latest Electrical COC of the building before the commencement of installation.
- Estimated average monthly PV yield based on the north-facing roof, 20 degrees tilt and may differ per installation.
- Upgrade Options and/or Solar PV can not be bought separately and has to be added to the base package and cost.
- Advertised monthly pricing are based on typical monthly installments over 60-month term and are subject to individual credit approval, thus may vary.

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