

Raydian Power Solutions Bring You **Simplified Solar.**

Be more independent with Raydian Solar Systems:

- Independent from fossil fuels
- Independent from ESKOM's price increases
- Independent from load shedding

The Raydian system can either reduce your energy bill or become the main source of electricity for your home. The Raydian system is a **grid tied photovoltaic system**, the Raydian plus includes battery backup and can provide you with electricity during load shedding. The Raydian grid-tied solar power is designed to meet most residential requirements.

Save money and the environment

With a Raydian Solar System you can produce 40 to 95% of your electricity and save R0.50 to 1.50 per kWh [unit], reducing your dependency on conventional electricity supplies.

Engineered in Germany

German Engineered solar panels and inverters, which connect directly to your electrical distribution board. Germany is the world leader in the design, manufacturing and usage of solar power generation equipment. Owners of Raydian Solar systems can log onto the web-based monitoring console to review their power generation in real time to guarantee optimal operation. Solar systems can be designed so that no electricity is fed into the grid or that all electricity that you do not consume yourself is fed-in to the grid [embedded generation].

PREMIUM PARTNER OF

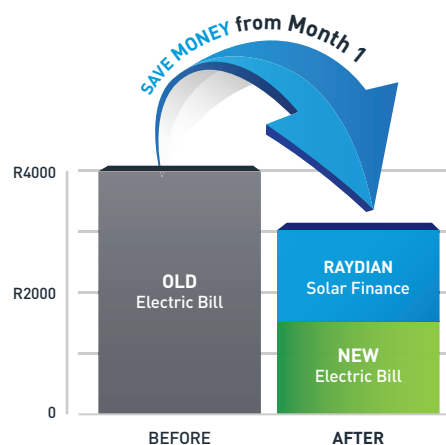


Installed by Quality Technicians

All Raydian Solar Systems are installed by qualified technicians. These installers were trained in the maxx I solar academy and are accredited by the German Solar Energy Society.

There is a Raydian Solar system for every need and budget, whether you are just looking to keep the lights, TV and fridge on during a power failure or if you want to be almost totally energy-independent.

Raydian Green Finance Payment:



Engineered in Germany for South Africa.

011 444 6442 | marketing@raydian.co.za | www.raydian.co.za

35 14th Street, Marlboro, Sandton, Johannesburg, 2063

RAYDIAN
POWER SOLUTIONS

Solar systems with **real benefits**

BENEFIT

- Be more independent with 40 - 80% bill reduction (depending on your specific energy consumption)
- Go + and Be Fully Independent
- 70 - 95% bill reduction and off-grid living
- Be powered during load shedding
- Be secure without the grid
- Be your own power supplier

RAY 2500

Applicability	Small households* (\pm 3000 kWh/year)
Modules	10 IBC CS Poly modules
Inverter	SMA SB 2500 / SolarEdge 2500
Mounting Structure	Tiled roof / Flat roof / IBR roof
Accessories	100m Cable 6mm / MC4 plugs & sockets / Mounting screws

RAY 3500

Applicability	Medium households* (\pm 4000-5000 kWh/year)
Modules	14 IBC CS Poly modules
Inverter	SMA SB 3500 / SolarEdge 3500
Mounting Structure	Tiled roof / Flat roof / IBR roof
Accessories	100m Cable 6mm / MC4 plugs & sockets / Mounting screws

RAY 5000

Applicability	Bigger households** (\pm 4000-5000 kWh/year)
Modules	14 IBC CS Poly modules
Inverter	SMA SB 5000 / SolarEdge 5000
Mounting Structure	Tiled roof / Flat roof / IBR roof
Accessories	100m Cable 6mm / MC4 plugs & sockets / Mounting screws

UPGRADE ANY RAY TO A RAY+

Inverter Charger and battery bank

SolarEdge 5000 Backup incl. Tesla Powerwall 6.4 kWh lithium battery

PREMIUM PARTNER OF



Modules
IBC PolySol CS series



Mounting System
IBC TopFix200



Inverter SMA Sunny Boy

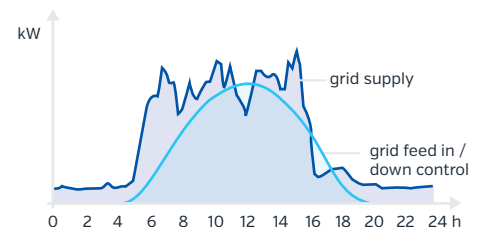


Battery Bank
Tesla Powerwall



SolarEdge

Sample daily profile:
Grid energy consumption and
Generated solar energy (BMI Grid tied)



* 2-4 persons about 100m² not big electricity consumers
** 4-6 persons, > 100m² and for big electricity consumers

Engineered in Germany for South Africa.

011 444 6442 | marketing@raydian.co.za | www.raydian.co.za

35 14th Street, Marlboro, Sandton, Johannesburg, 2063

RAYDIAN
POWER SOLUTIONS