

Solis 3- 5KW PURE GRID TIE PV INVERTER SYSTEMS

JUNE 2018

Inverter



Solar Panels



Power Limiter CT



Residential Grid PV Systems are designed to reduce your energy bill and utilize all the power produced from the sun.

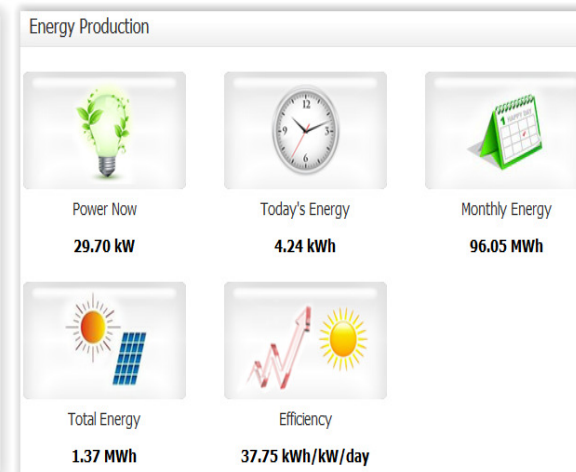
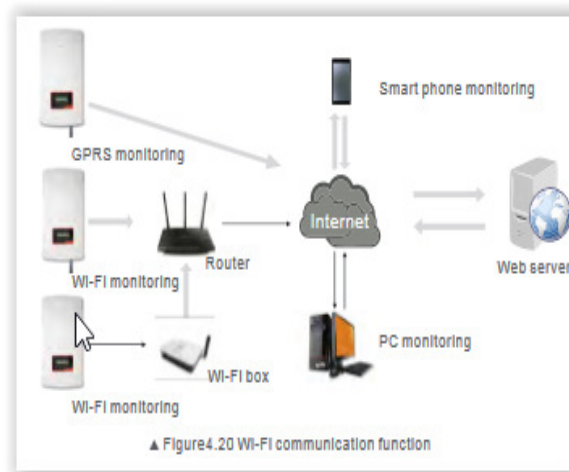
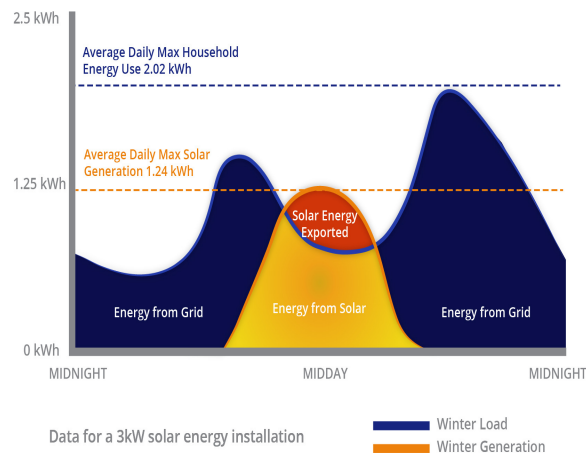
Savings are calculated on average the daily Solar KWH Yield which is fed directly on to your household loads.

Our systems come with a power limiter that will actively meter the solar power produced against the household power consumption. And limit the power going to your mains, should the supply be greater than the power demand. This is available in graphical format through the Solis monitoring Portal

Digital or prepaid meters read the out going power as a load, you can however plan your large daytime loads to co inside with power production Eg Pool pump Geyser timers or ironing baking cakes

Certain municipalities allow for owners to feed excess power to the Grid which they will purchase through a Small Scale Embedded Generation Tarrif (SSEG) see city of Cape Town

			Recommended Retail	VAT Inclusive	Yield kw hours per day	Cost of electricity per day	Savings/ day	Pay in years	ROI	Cost/ watt
Solis 1.0kW Mini 4G Single Tracker including export prevention	Canadian 330	1320	R26 800.00	R30 820.00	6.43	1.96	R 12.60	5.8	17.16%	R 20.30
Solis 2.5kW Mini 4G Single Tracker including export prevention	Canadian 330	2640	R36 850.00	R42 377.50	12.86	1.96	R 25.20	4.0	24.96%	R 13.96
Solis 3.6kW Mini 4G Single Tracker 2x String including export prevention	Canadian 330	3960	R48 850.00	R56 177.50	19.29	1.96	R 37.80	3.5	28.24%	R 12.34
Solis 4.6kW 4G Dual MPPT - Single Phase	Canadian 330	4950	R59 800.00	R68 770.00	24.11	1.96	R 47.25	3.5	28.84%	R 12.08



PRODUCT WARRANTIES

SOLAR PANELS: 12 Years Product, 25 year linear output warranty - **INVERTER:** 5 years

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