

SMA 3- 5KW PURE GRID TIE PV INVERTER SYSTEMS

JULY 2018

Global Best Selling European Inverter



10 x 330w Canadian Solar Panels



SB 2.5 – 5 KW VL-40 Inverters



SMA Energy Meter

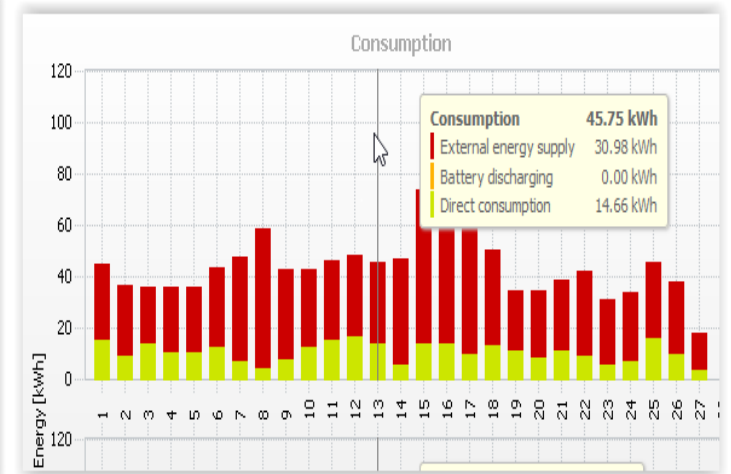
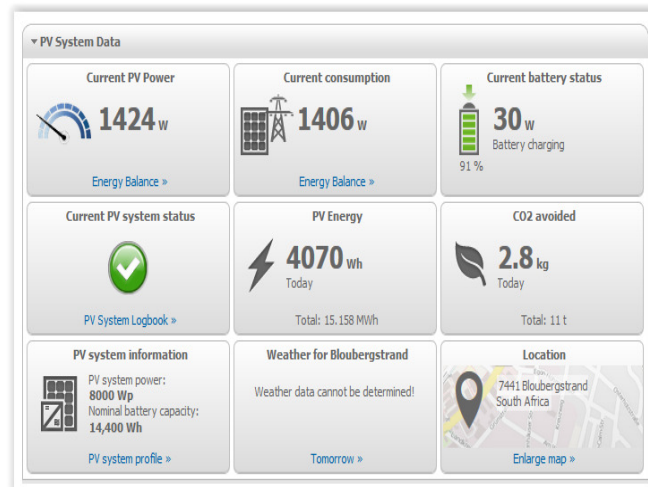
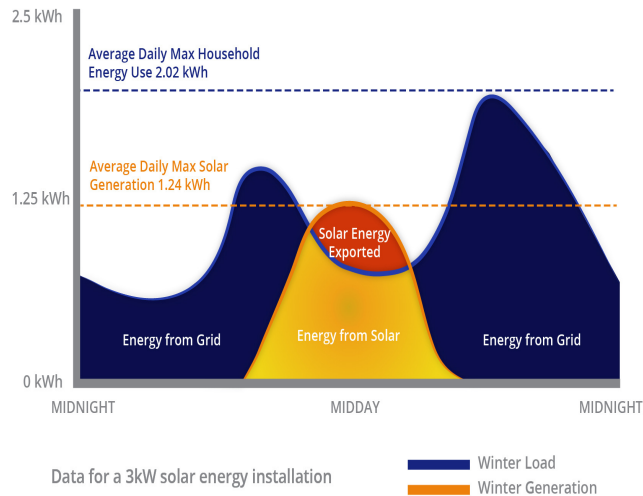
Residential Grid PV Systems are designed to **reduce your energy bill and utilize all the power produced from the sun.** Savings are calculated on average the daily Solar KWH Yield which is fed directly on to your household loads.

Our systems come with a **power limiter** (built in home manager) 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 SMA's Sunny Portal on your pc or smart phone

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 excesspower to the Grid which they will purchase through a Small Scale Embedded Generation Tarrif (SSEG) see city of Cape Town

Inverter	PV make in Watts	size watt	System Cost	VAT Inclusive	Yeild kw hrs per day	Municipal Tarriff	Savings/ day	Payback in years	ROI	Cost/ watt
SMA SB 2.5-1VL-40 and Energy meter and Wifi	Canadian 330	2640	R50 796.90	R58 416.44	12.857	1.96	25.1993	5.52275	18.11%	19.24
SMA SB 3.6-1AV-40 and Energy meter and Wifi	Canadian 330	3960	R61 614.00	R70 856.10	19.285	1.96	37.799	4.46587	22.39%	15.56
SMA SB 5.0-1AV-40 and Energy meter and Wifi	Canadian 330	5280	R77 181.30	R88 758.50	25.714	1.96	50.3987	4.19566	23.83%	14.62
SMA STP 5000TL-20 and Energy meter and Wifi	Canadian 330	5280	R84 294.00	R96 938.10	25.714	1.96	50.3987	4.58231	21.82%	15.96



info@bluesunenergy.co.za www.bluesunenergy.co.za
t. +27 (0)21 424 1935 f. +27 (0)21 424 1938