

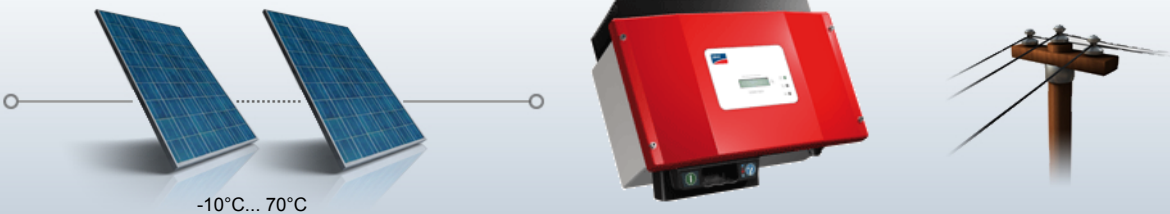
WhatPowerCrisis  
 19 Ararimu Road

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Auckland Customer

Tel.: +64.9.294.7703  
 Fax: +64.9.294.7691  
 email:john@whatpowercrisis.co.nz  
 web:www.whatpowercrisis.co.nz

**System overview (New Zealand / Auckland)**



**String A**  
 Jinko \*User\*  
 Jinko-180  
 Module x String:  
 8 x 2  
 Inclination / Azimuth:  
 32° / 180°

**Inverter**  
 1 x Sunny Boy SB 2500  
 Max. efficiency: 94.1 %  
 European standard efficiency: 93.2 %  
 Max. AC power: 2.50 kW  
 Max. DC power : 2.70 kW

Technical data
Nominal power of PV-generator: 2.88 kW
Total surface of PV-generator: 20.8 m <sup>2</sup>
Total number of modules: 16
Number of inverters: 1
Max. DC power : 2.70 kW
max. AC-Active power : 2.50 kW
Inverter effectiveness: 93.1 %

Nominal power ratio: 94 %
Yearly en. yield (approx.) *: 3748 kWh
Energy usability factor: 99.9 %
Performance Ratio (approx.) *: 81 %
Spec. energy yield (approx.) *: 1301 kWh/kWp
Cable losses (% in PV-Energy): Not considered

**Notes:** Here is a new estimate for 16 Jinko Modules and a SMA 2500 inverter @ 32 degree pitched roof facing due north

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 Signature \*

\* Important note: The calculation of the yield is based on estimated values and mathematical models. SMA is in no case liable for the real yield, which can e.g. deviate due to contamination or different efficiencies of the modules.