# SOLARQUEST

Solarquest (Pty) Ltd. 2015/397453/07

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## CLIENT SYSTEM INFORMATION FORM

Customer's Name

First Name

Last Name

Customer's Contact Details

Phone Number

Email

Customer's Address

Customer's Signature

Site Assessment Date

Name of OnSite Person [If different]

### For Official Use:

**Recommended Package System**

**Package System Extras**

**Payment**

Cash ☐

Finance ☐

**C.o.C** (Date)

**City Registration**(Date)

**Installer Name**

**Site Visit/Installation -  Notes and Comments**

**Solarquest Assessment Consultant**

**Name**

**Signature**

**JOHANNESBURG**

9 Kramer Road, Kramerville, Sandton 2190

info@solarquest.co.za

+27 10 055 3151

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Client Initials

**CAPE TOWN**

Unit 3 Northgate Business Park, Brooklyn, 7405

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# SYSTEM DESIGN AND SIZING

**Load Profile**

| LOADS<br>Lights, appliances etc | Quantity | Power in W | Power in kW | Operation Hours | Energy Consumption in kWh | NOTES<br>Age, efficiency, energy rating, night loads, etc |
|---|---|---|---|---|---|---|
| LED LIGHT BULBS (7W) | | | | | | |
| FLOURESCENT LIGHTS (20W) | | | | | | |
| TELEVISION (250W) | | | | | | |
| PRINTER (240W) | | | | | | |
| REFRIGERATOR (200W) | | | | | | |
| FREEZER (250W) | | | | | | |
| TUMBLE DRYER (2800W) | | | | | | |
| WASHING MACHINE (500W) | | | | | | |
| DISHWASHER (500W) | | | | | | |
| DESKTOP COMPUTER (250W) | | | | | | |
| LAPTOP (200W) | | | | | | |
| MICROWAVE (1500W) | | | | | | |
| POOL PUMP (2000W) | | | | | | |
| BOOSTER PUMP (750W) | | | | | | |
| FAN (20W) | | | | | | |
| AIR CONDITIONER (1125W) | | | | | | |
| KETTLE (1500W) | | | | | | |
| GEYSER (2000w) | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| **TOTAL** | | | | | | |

Solar Panels Total Array = ( …………………….kWh / ………… hours ) x 1.15    = ………………………kW

Solar Panel Size = ……………………….kWp

Total Panels = ……………………….kW / …………………. kWp    = ………………… **PANELS**

Battery Bank = ……………………….kWh    x    1.2    x    1.10    = ……………………. kWh

Premium Battery Size = ……………………….kWh

Total Batteries = ……………………….kWh / …………………kWh    = …………… **BATTERIES**

**INVERTER SIZE**

**PV SIZE**

**BATTERY BANK**

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## INSTALLATION NOTES

| GROUND MOUNT | | | |
|---|---|---|---|
| | **Y** | **N** | **Comments** |
| **Carport Style** | | | |
| **Area with no shading** | | | |
| **Special Fabrication & Design** | | | |

| ROOF MOUNT | | | |
|---|---|---|---|
| **Roof Type Material** | Tile | Slate | Metal |
| **Roof Gradient** | Flat | Tilted | Degrees |
| **Roof Age & Condition** | | | |
| **Roof Height (Metres or Floor #)** | | | |
| **Distance from Panels to Inverter** | | | |

| | **Y** | **N** | **Comments** |
|---|---|---|---|
| **Roof leaks** | | | |
| **Majority of Roof Unshaded** | | | |
| **Adequate Space for All Panels** | | | |
| | | | |
| | | | |

| ELECTRICAL WORK | | | |
|---|---|---|---|
| **Phases** | Single | Three | Comments |
| **Location of Distribution Board(s)** | | | |
| **Distance: Distribution Board(s) to Inverter** | | | |
| **ADDITIONAL HOUSE ELECTRICAL WORK REQUIRED** | | | |

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## CLIENT PROPERTY INFORMATION

| CLIENT PREMISES | | | |
|---|---|---|---|
| **Property Type** | Standalone House | Apartment/Townhouse | Estate/Complex | Commercial |
| **Access Instructions** | Gate Open/Intercom | Security At Gate | Call Client | Booking Number/Code |

Note: The table above has an irregular layout. Below is the checklist table:

| | Y | N | Comments |
|---|---|---|---|
| Dog/Cat/Other Pet | | | |
| Children/Elderly Residents | | | |
| People/Neighbours Working From Home | | | |
| Client Allergies eg Nuts | | | |
| Notable weather conditions eg Windy | | | |
| Generator to Connect | | | |
| Existing Solar System to Decommission | | | |
| Important Instructions for Installer | | | |
| **Returning Solarquest Customer** | | | |
| | | | |
| | | | |
| | | | |

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## Installation Notes

Extra Information & Diagrams

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