



Solar Age Namibia
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Energy Supply Sheet

1 Available Budget

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Solar System:	
1.1 Inverter	kW
1.2 Battery	Ah
1.3 System Voltage	V
1.4 Solar array	kW
Generator:	
1.5 Make	
1.6 Model	
1.7 Size	kW
1.8 Single/ Three Phase	

5 Type of load	6 Power (W)	7 Qty	8 Daily use (hrs)	9 Days per week	10 Daily Energy (Wh/d)
Ceiling Lights	7				
Lights CFL	7				
Lights CFL	11				
Lights CFL	15				
Lights CFL	20				
Lights CFL	36				
Colour TV 54 cm	90				
Colour TV 72 cm	140				
Plasma TV 105cm Flatscreen	180				
Video / DVD	30				
Decoder	30				
V.Sat (Telephone)	25				
HiFi	20				
Fax	10				
Computer/Laptop	40				
Computer/Desktop	150				
Printer	20				
Fridge 300 litre (<1.5kWh/day)	120				
Freezer 300 litre (<1.5kWh/day)	150				
Fridge/Freezer comb. (<1.5kWh/day)	180				
DC Freezer 165 litre (<0.782kWh/day)	90				
DC Freezer 225 litre (<0.908kWh/day)	90				
Kitchen appliances	400				
Microwave	600				
Vacuum Cleaner	1.200				
Hairdryer	900				
Sewing machine	80				
Washing- machine/cold	500				
Juke Box	200				
Gambling machine	150				
Ceiling fan	70				
Workshop tool	800				
Swimming pool pump	750				
Alarm System	10				
Other					

3 General Information

3.1 System Type	Residential	
	Farm	
	Lodge	
	Commercial	

3.2 Reason	Prevent Power Outages	
	NamPower Independency	
	Reducing Electricity Bill	
	No electricity available	

3.3 PV Tracker Required	Yes	No
3.4 220V Battery Charging required	Yes	No
3.5 Required Generator runtime	Hours	
3.6 Required System Autonomy	Days	
3.7 Installation required	Yes	No

4 Personal Information

Name	
Farm/Place	
Address	
Phone N°	
Fax N°	
E-Mail	
Date	

Please do not hesitate to contact us for further information