



Power Never Stops

Energy Solution in Off-Grid PV System

365

Days

2000Wh

Daily Energy Requirements

Daily use 2000Wh			
Continuous power supply 365 days/year			
Daily power	2000Wh*		
System voltage	24VDC		
Autonomy in overcast conditions	4 days		
Output voltage	230VAC		
		Type	Unit
REQUIRED EQUIPMENT	Inverter	2000VA	1
	PV Panels	240W	4
	Solar Charger	MPPT-600	2
	Batteries	12V-150Ah	4



Energy Solution in Off-Grid PV System

Limited
Use

Continuous use: summer &
2 days per week for the rest of
the year

2000Wh

Daily Energy Requirements

Daily use 2000Wh			
Continuous power supply during the summer and 2 days per week for the rest of the year			
Daily power	2000Wh*		
System voltage	24VDC		
Autonomy in overcast conditions	2,5 days		
Output voltage	230VAC		
		Type	Unit
REQUIRED EQUIPMENT	Inverter	2000VA	1
	PV Panels	240W	2
	Solar Charger	Build-in inverter	1
	Batteries	12V-200Ah	2

-(*) Estimated.

- The above proposals have been calculated using the average sunshine of Attica region, the installation angle is 30 ° & orientation to the South.

