



Power Never Stops

Energy Solution in Off-Grid PV System

365

Days

1000Wh

Daily Energy Requirements

Daily use 1000Wh			
Continuous power supply 365 days/year			
Daily power		1000Wh*	
System voltage		12VDC	
Autonomy in overcast conditions		4 days	
Output voltage		230VAC	
		Type	Units
REQUIRED EQUIPMENT	Inverter	1200VA	1
	PV Panels	240W	2
	Solar Charger	MPPT 300	2
	Batteries	12V-150Ah	2



Energy Solution in Off-Grid PV System



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



Daily Energy Requirements

Daily use 1000Wh			
Continuous power supply during the summer and 2 days per week for the rest of the year			
Daily power	1000Wh*		
System voltage	12VDC		
Autonomy in overcast conditions	2,5days		
Output voltage	230VAC		
		Types	Units
REQUIRED EQUIPMENT	Inverter	1200VA	1
	PV Panels	240W	1
	Solar Charger	MPPT 300	1
	Batteries	12V-200Ah	1

- (*) Estimated.

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

