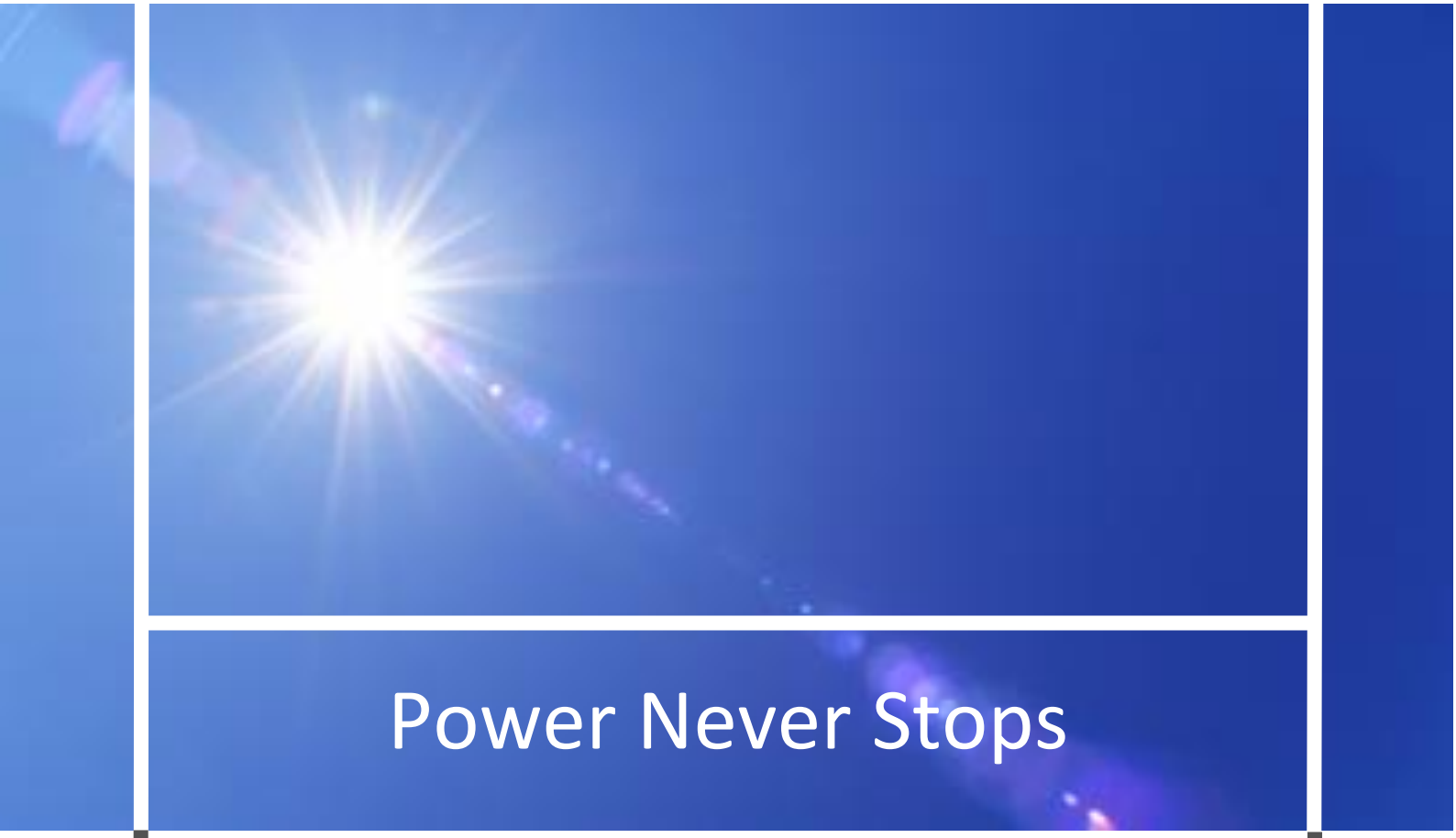
Ηλεκτρονικά Ισχύος
Power Electronics



Power Never Stops

Energy Solution in Off-Grid PV System

365
Days

3000Wh
Daily Energy Requirements

Daily use 3000Wh			
Continuous power supply 365 days/year			
Daily power		**3000Wh***	
System voltage		48VDC	
Autonomy in overcast conditions		3 days	
Output voltage		230VAC	
		Type	**Units**
REQUIRED EQUIPMENT	**Inverter**	4000VA	1
	PV Panels	240W	6
	Solar Charger	MPPT-3000	1
	Batteries	12V-2000Ah	4

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Energy Solution in Off-Grid PV System

Limited Use

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

3000Wh

Ημερήσια
Daily Energy Requirements

Daily use 3000Wh			
Continuous power supply during the summer and 2 days per week for the rest of the year			
Daily power		**3000Wh***	
System voltage		**24VDC**	
Autonomy in overcast conditions		**2,5 days**	
Output voltage		**230VAC**	
		Type	**Unit**
REQUIRED EQUIPMENT	**Inverter**	3000VA	1
	PV Panels	240W	3
	Solar Charger	Built-in inverter	-
	Batteries	12V-150Ah	4

- (*) Estimated.

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

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