





Identifying the Solar Needs



Calculating the Load

- $\text{Watts} = \text{Volts} \times \text{Amps}$
- $\text{Volts} = \text{Watts} / \text{Amps}$
- $\text{Amps} = \text{Watts} / \text{Volts}$

Example: water pump rated at 2.4 Amps

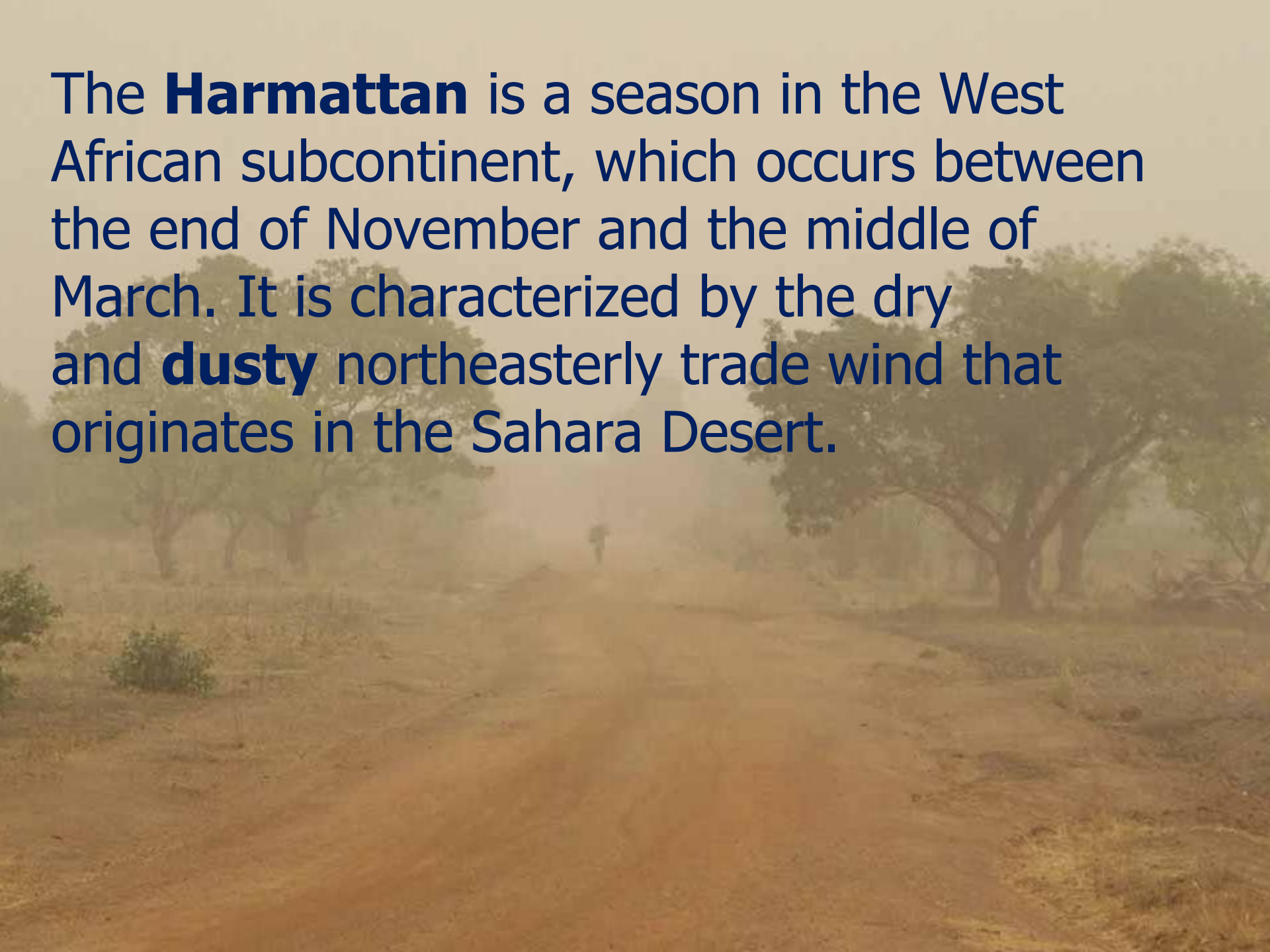
$$2.4 = 576 / 240$$



Calculating PV Array



The **Harmattan** is a season in the West African subcontinent, which occurs between the end of November and the middle of March. It is characterized by the dry and **dusty** northeasterly trade wind that originates in the Sahara Desert.















Understanding Proper Use



Maintenance





Results after 6 years of Production



Nearly 16 tons of Fish Protein



Over 19 tons of Vegetables



Over 36 million watts of electricity



An Economic Stimulus for Hundreds



Over 5 million gallons of clean drinking water







Thank You!

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