



GermanSolarZA

# 1kWh energy storage device





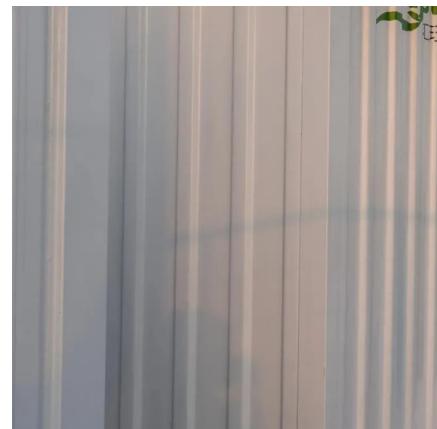
## 1kWh energy storage device



[Derive the relation between kilowatt hour and joule .](#)

Answer:  $1\text{kWh} = 3.6 \times 10^6 \text{ J}$   
Explanation: We know,  $1 \text{ KW} = 1000 \text{ W}$   
 $1 \text{ hr} = 60 \times 60 \text{ seconds}$   
Therefore,  $1 \text{ kWh} = 1000 \text{ Watt} \times (60 \times 60) \text{ seconds}$   
 $1 \text{ kWh} = 10^3 \text{ W} \times 3600 \text{ s}$   
 $1 \text{ kWh} = \dots$

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[a washing machine connected to a 220v generator draws a](#)

a washing machine connected to a 220v generator draws a current of 10 A . Then what is the power of the washing machine? If it is used for 6 hours in a day - 61789720

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### 1 kwh is equal to how many units

Answer: 1 unit  
Explanation: One kilowatt-hour (kWh) is equal to one unit of electricity. So, 1 kWh = 1 unit. In most countries, electricity consumption is measured and ...

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1 kWh is equal to 3.6 times  $10^6$  MJ  
3.6 times  $10^5$  MJ 3.6 ...

In the video, they said that 1kwh is equal to  $3.6 \times 10^6$  J But, in the question and answer, they said that  $1 \text{ kwh} = 3.6 \times 10^5 \text{ J}$ . So, Please tell me which is correct?

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